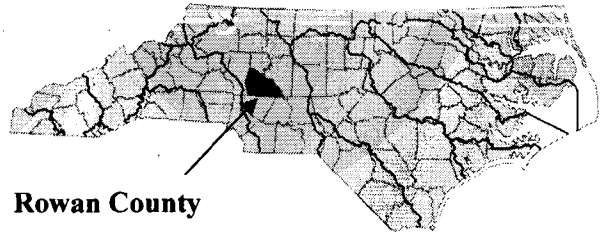


# FLOOD INSURANCE STUDY

A Report of Flood Hazards in

## ROWAN COUNTY, NORTH CAROLINA

AND INCORPORATED AREAS



Community Name	Community Number	River Basin
China Grove, Town of	370210	Yadkin
Cleveland, Town of	370097	Yadkin
East Spencer, Town of	370211	Yadkin
Faith, Town of	370352	Yadkin
Granite Quarry, Town of	370212	Yadkin
Landis, Town of	370213	Yadkin
Rockwell, Town of	370214	Yadkin
Rowan County (Unincorporated Areas)	370351	Yadkin
Salisbury, City of	370215	Yadkin
Spencer, Town of	370216	Yadkin



VOLUME 2 OF 3

June 16, 2009

Federal Emergency Management Agency  
State of North Carolina

Flood Insurance Study Number  
37159CV002A

[www.fema.gov](http://www.fema.gov) and [www.ncfloodmaps.com](http://www.ncfloodmaps.com)





# FOREWORD

This countywide Flood Insurance Study (FIS) Report was produced through a unique cooperative partnership between the State of North Carolina and the Federal Emergency Management Agency (FEMA). The State of North Carolina has implemented a long-term approach to floodplain management to decrease the costs associated with flooding. This is demonstrated by the State's commitment to map floodplain areas at the state level. As a part of this effort, the State of North Carolina has joined with FEMA in a Cooperating Technical State (CTS) agreement to produce and maintain this FIS Report and the accompanying digital Flood Insurance Rate Map (FIRM) for North Carolina.





# NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part of this FIS may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

The following is a list of the publication dates of this Countywide FIS Report starting with the initial Report accompanying the North Carolina Statewide FIRM:

June 16, 2009

This FIS has been produced as part of the North Carolina Floodplain Mapping Program. Rowan County, North Carolina, falls under the administrative jurisdiction of Region IV of the Federal Emergency Management Agency (FEMA). Questions concerning this FIS may be directed to the North Carolina Floodplain Mapping Program at [www.ncfloodmaps.com](http://www.ncfloodmaps.com), the FEMA Map Assistance Center by calling the toll-free information line at 1-877-FEMA MAP (1-877-336-2627), or by contacting the FEMA Regional Office at the following address:

FEMA, Federal Insurance and Mitigation Administration  
Koger Center - Rutgers Building  
3003 Chamblee Tucker Road  
Atlanta, Georgia 30341  
(770) 220-5400



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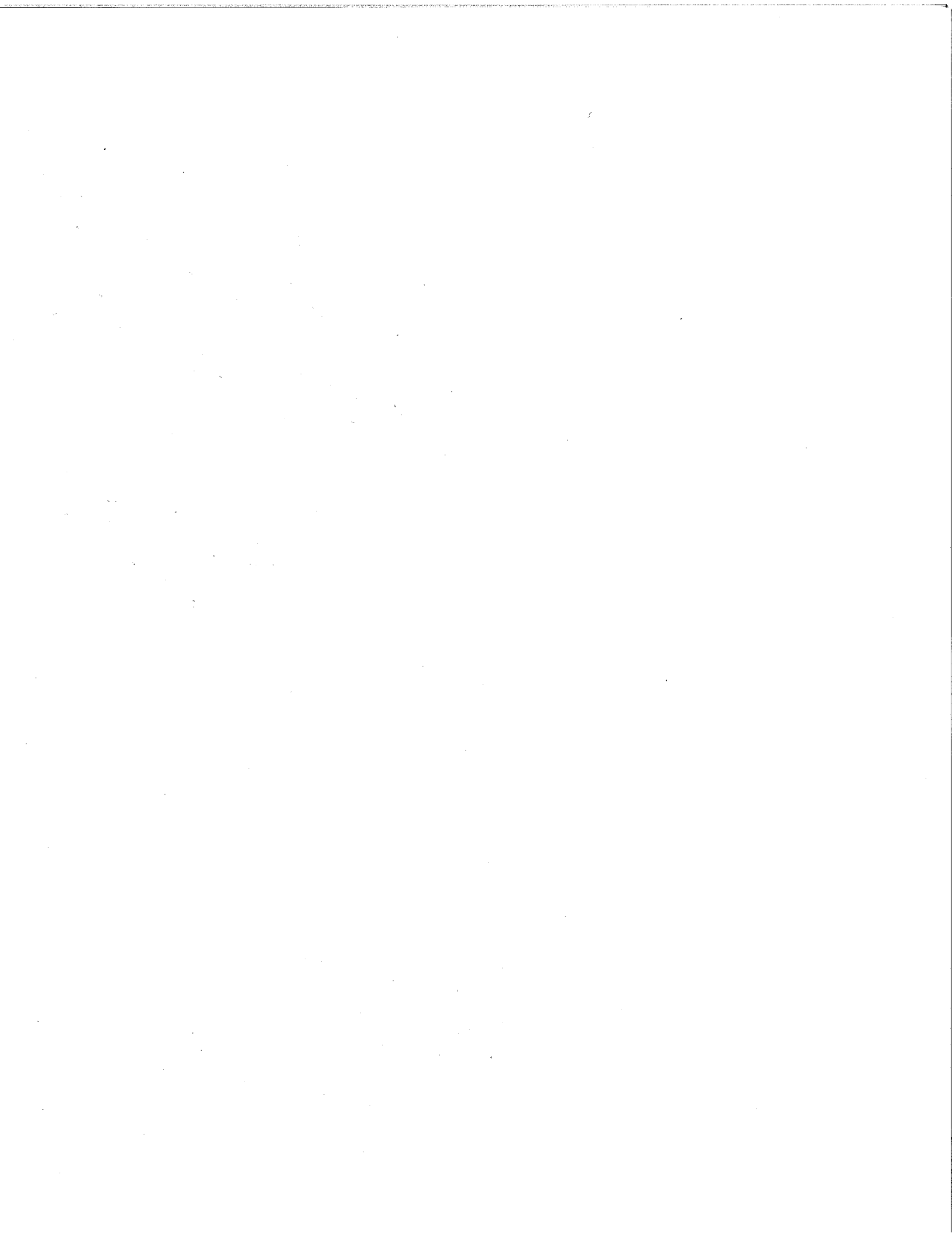
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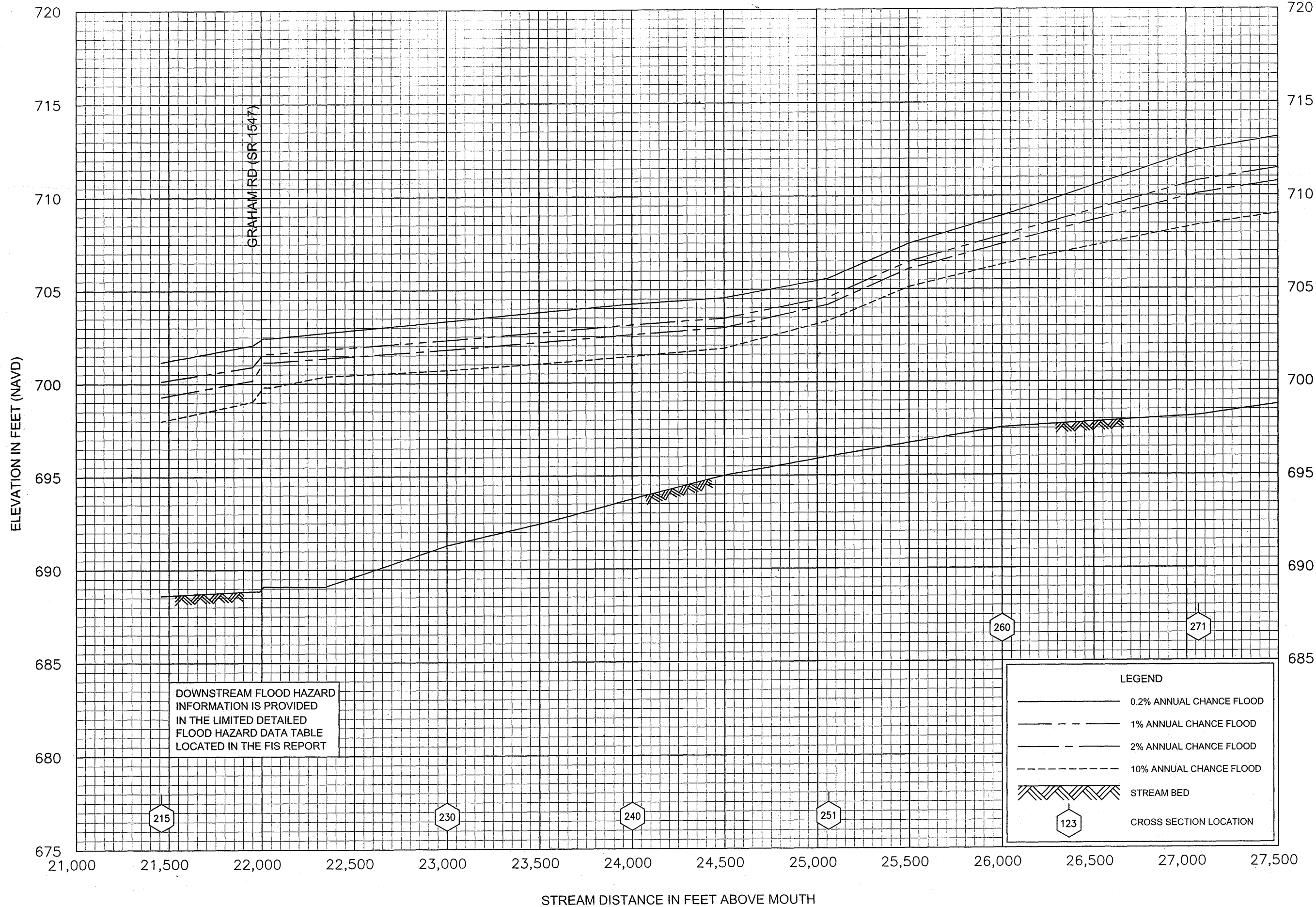
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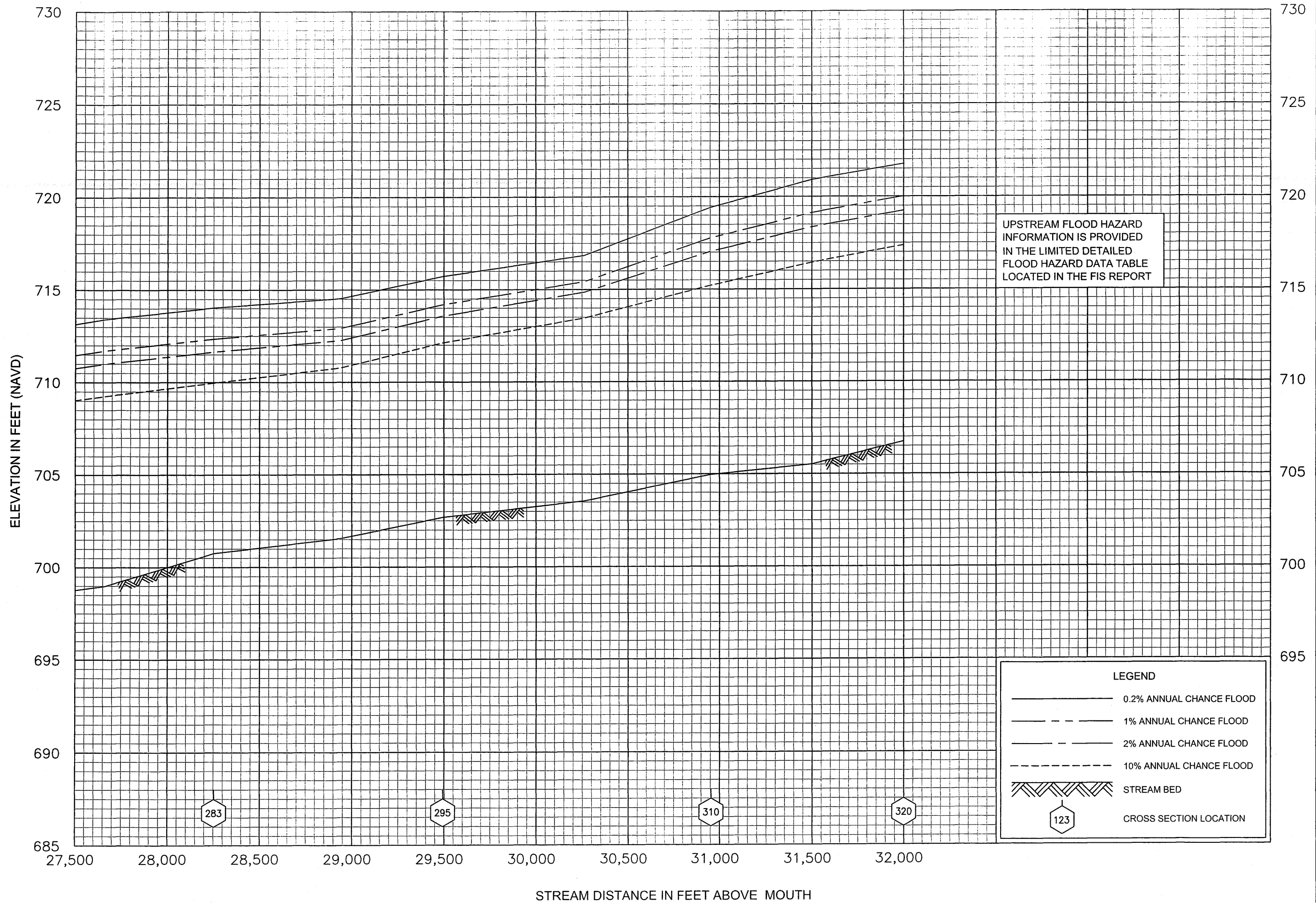
FLOOD PROFILES

BACK CREEK

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01P

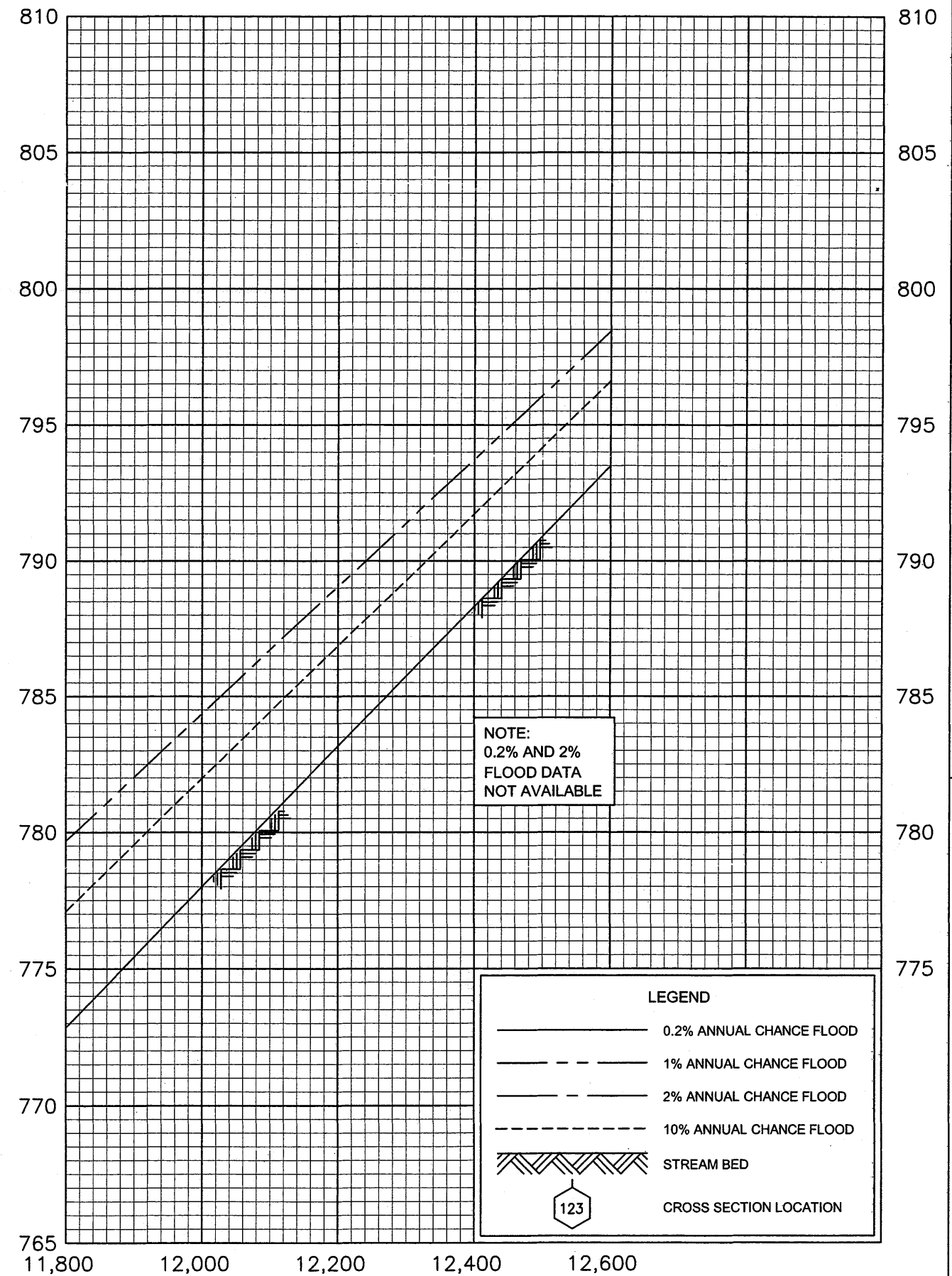
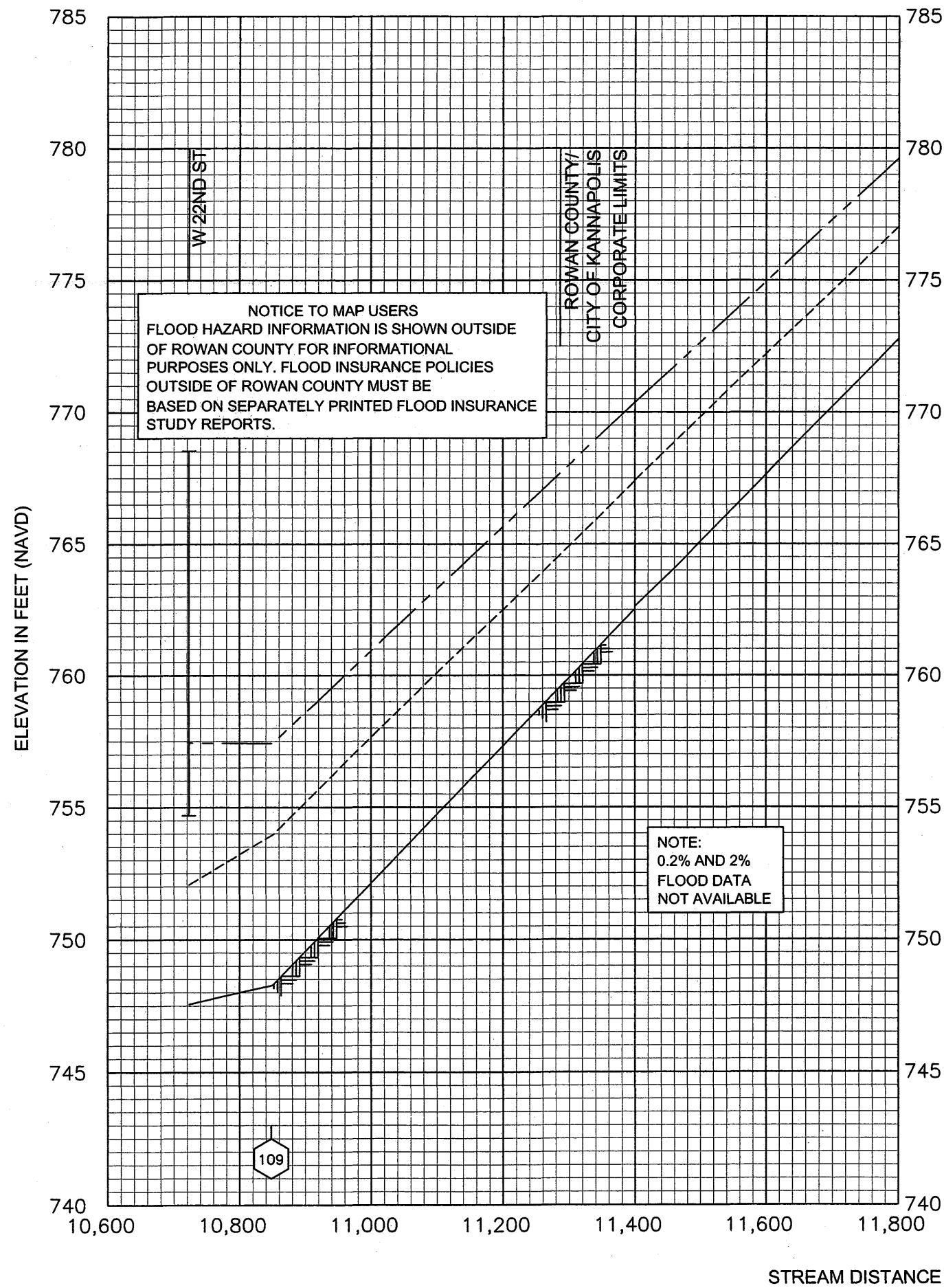


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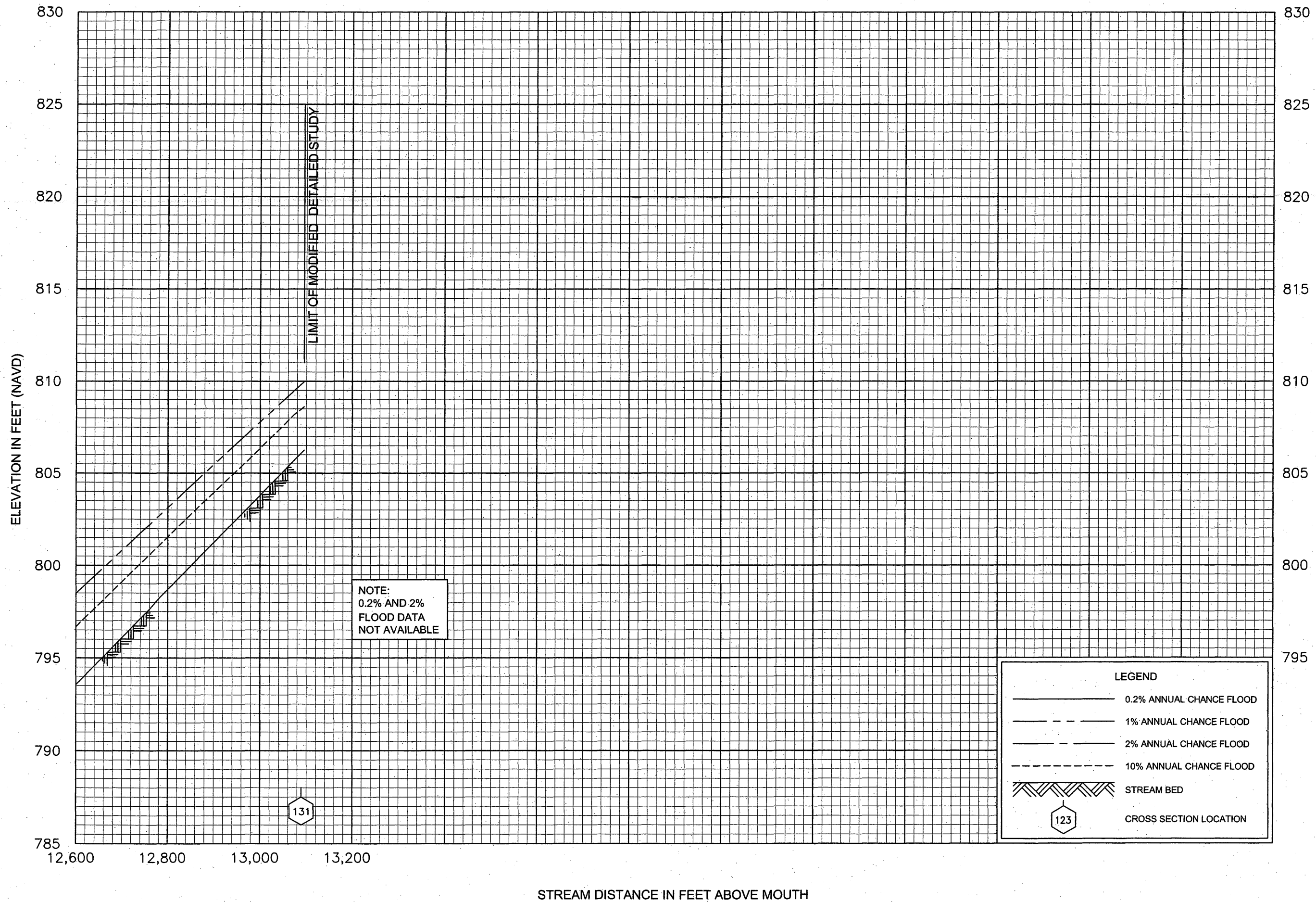
FLOOD PROFILES

BAKER BRANCH

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03P



NOTE:  
0.2% AND 2%  
FLOOD DATA  
NOT AVAILABLE

LEGEND

0.2% ANNUAL CHANCE FLOOD

1% ANNUAL CHANCE FLOOD

2% ANNUAL CHANCE FLOOD

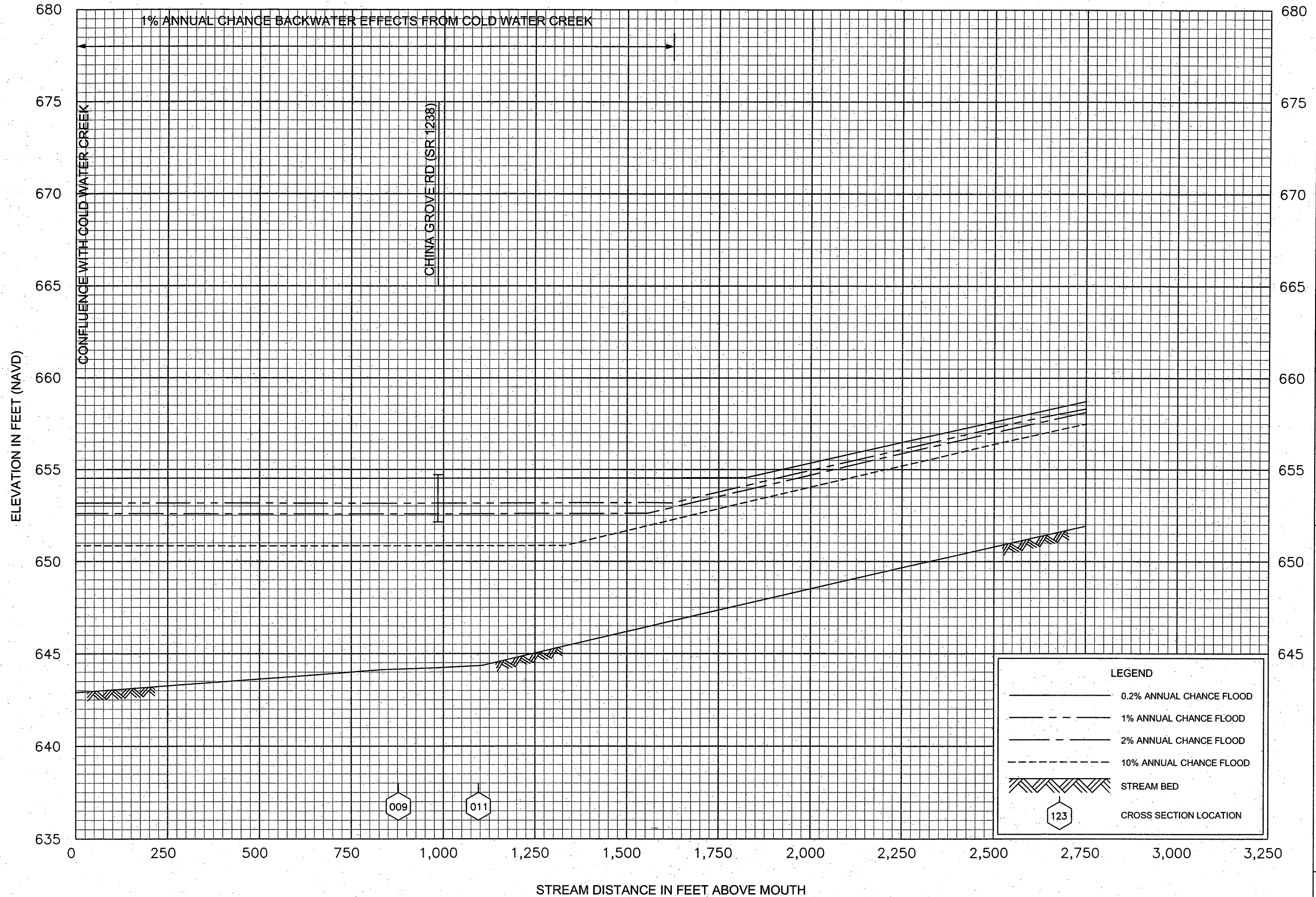
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STREAM BED

123

CROSS SECTION LOCATION





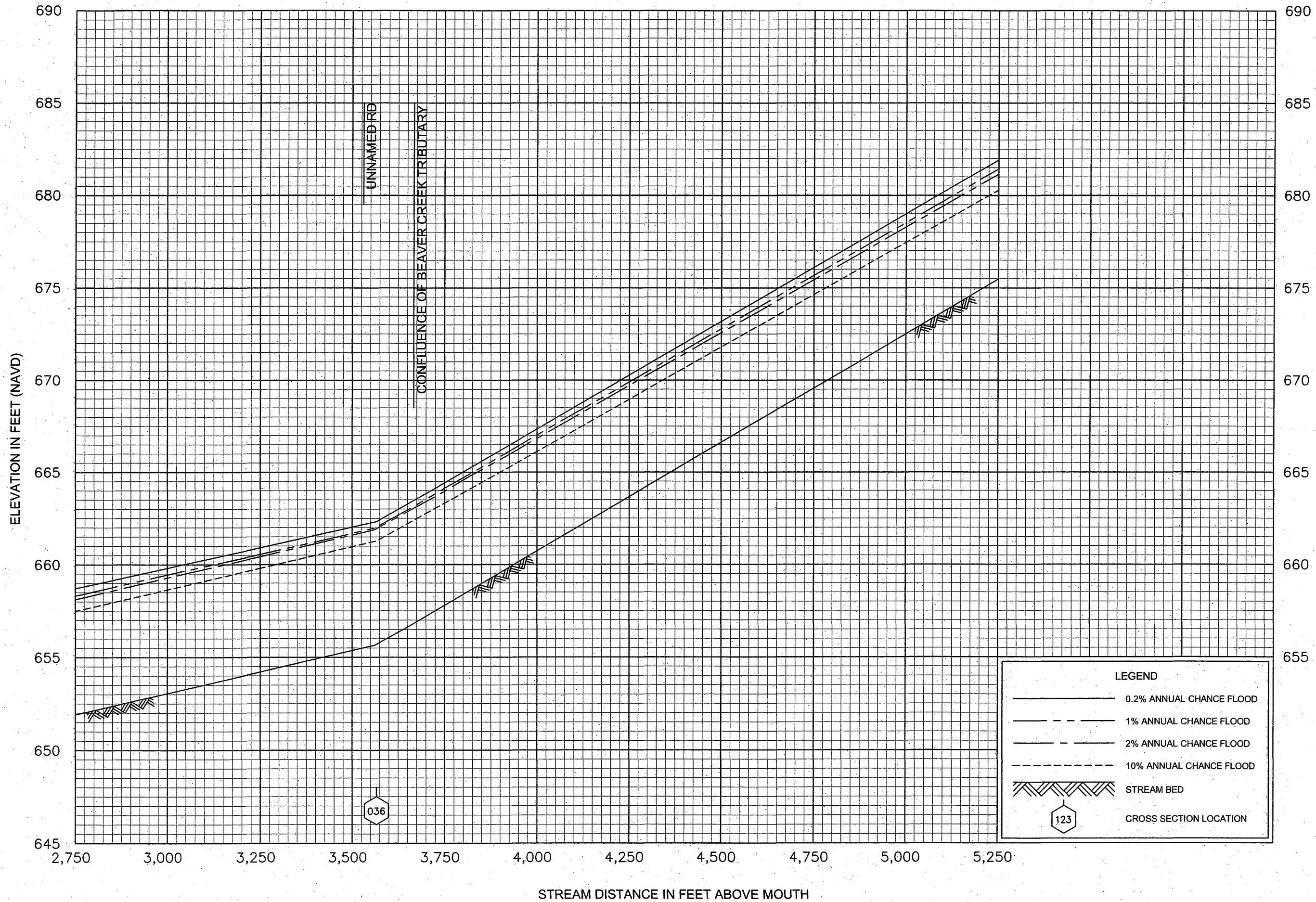
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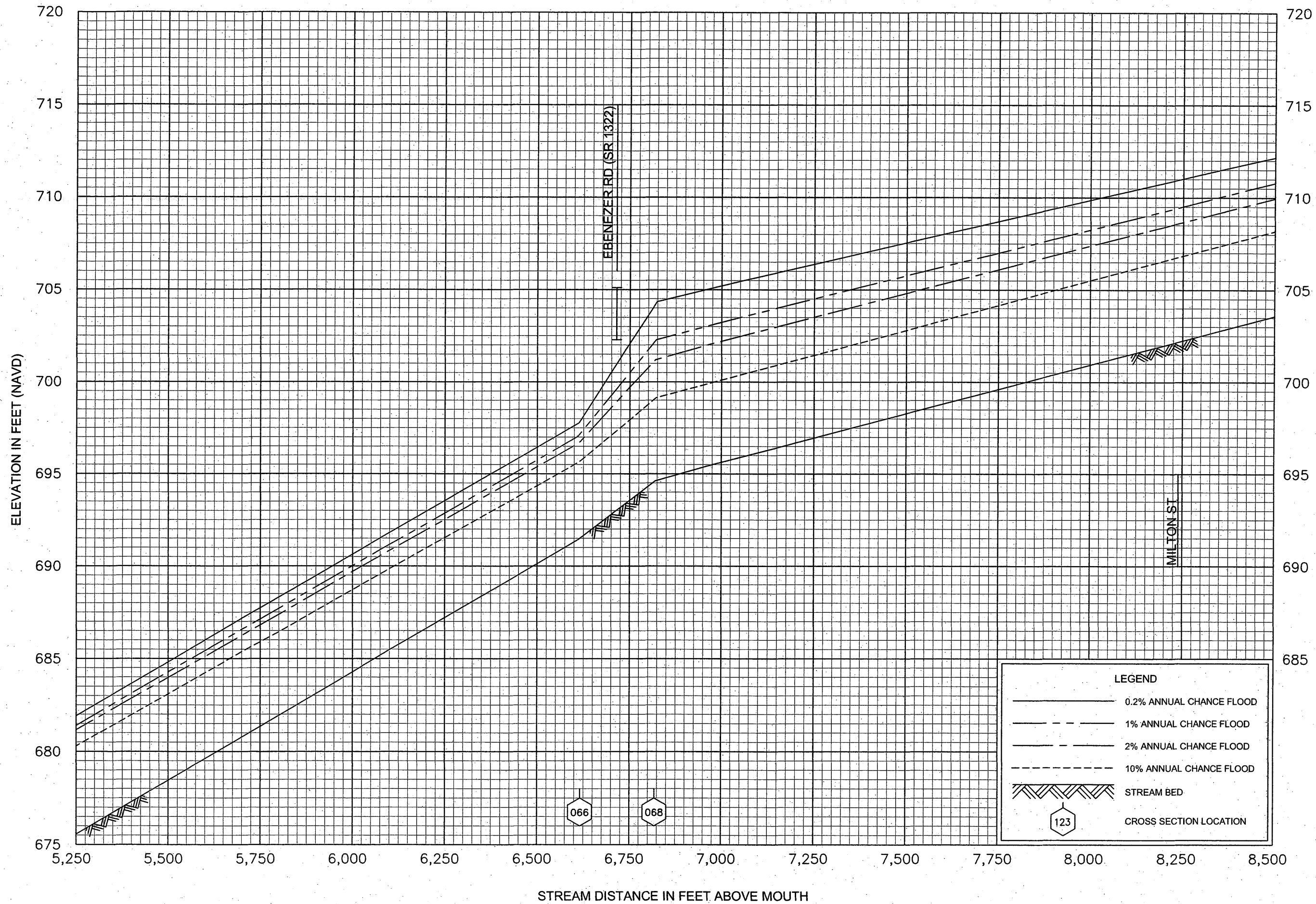
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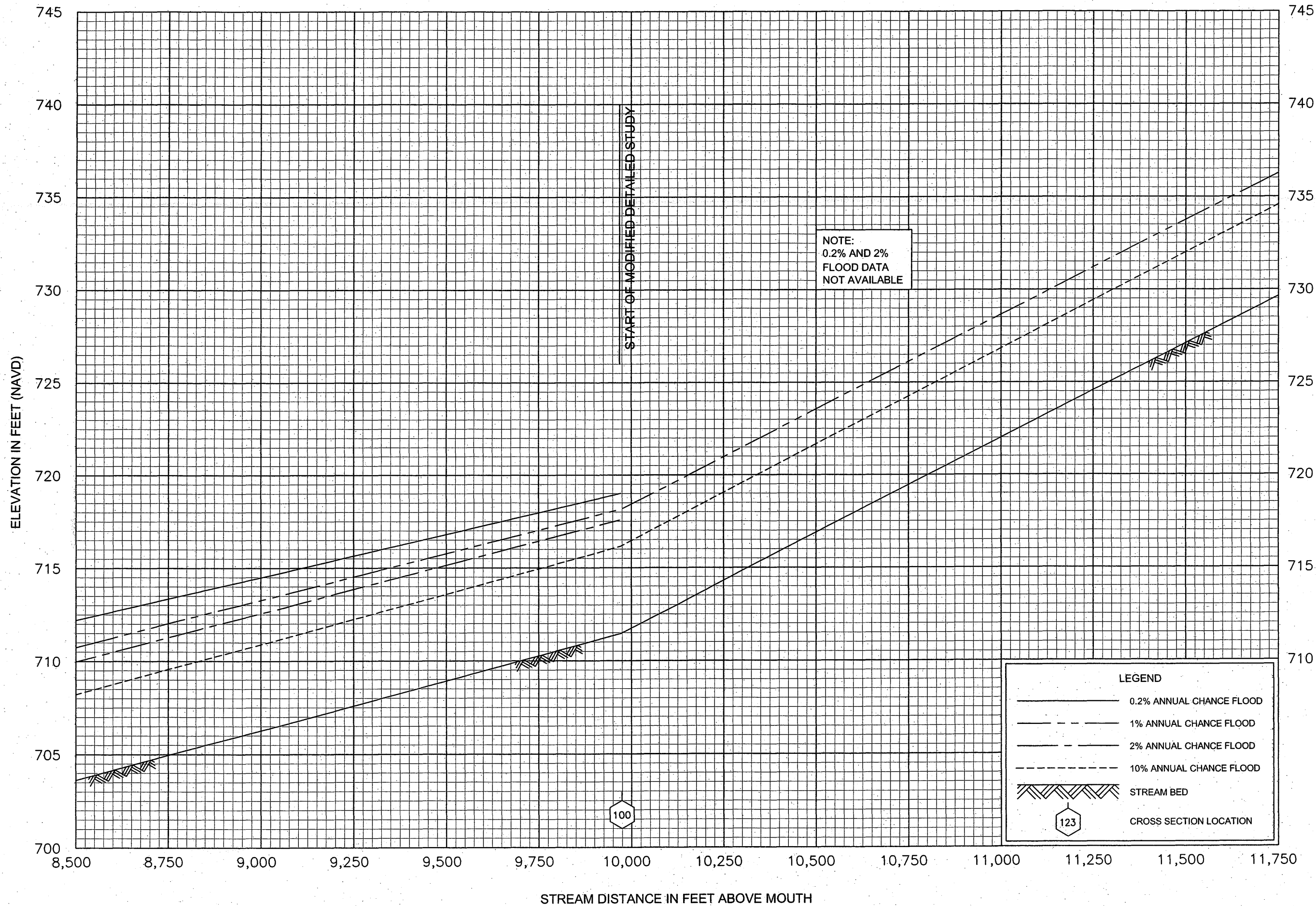
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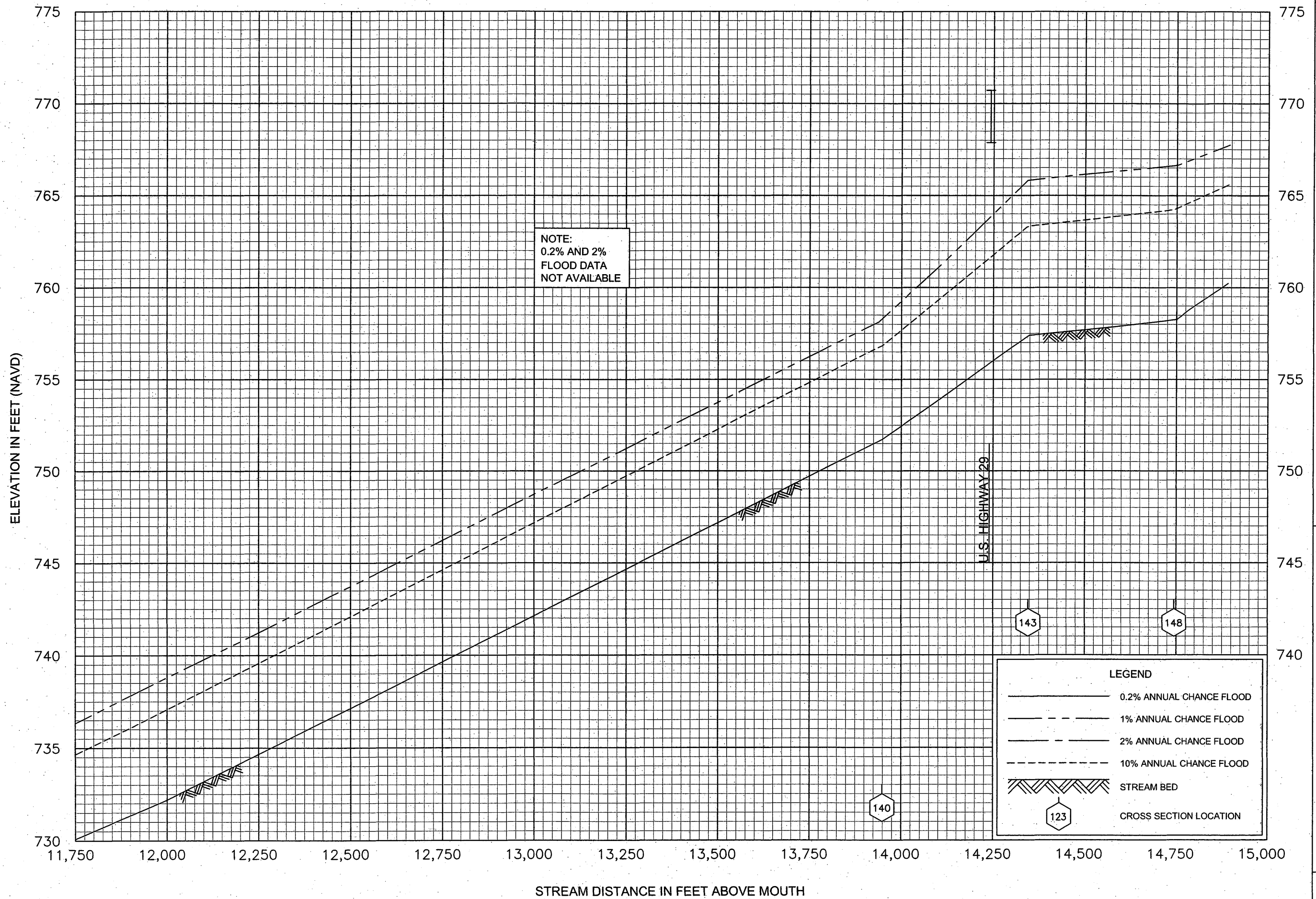
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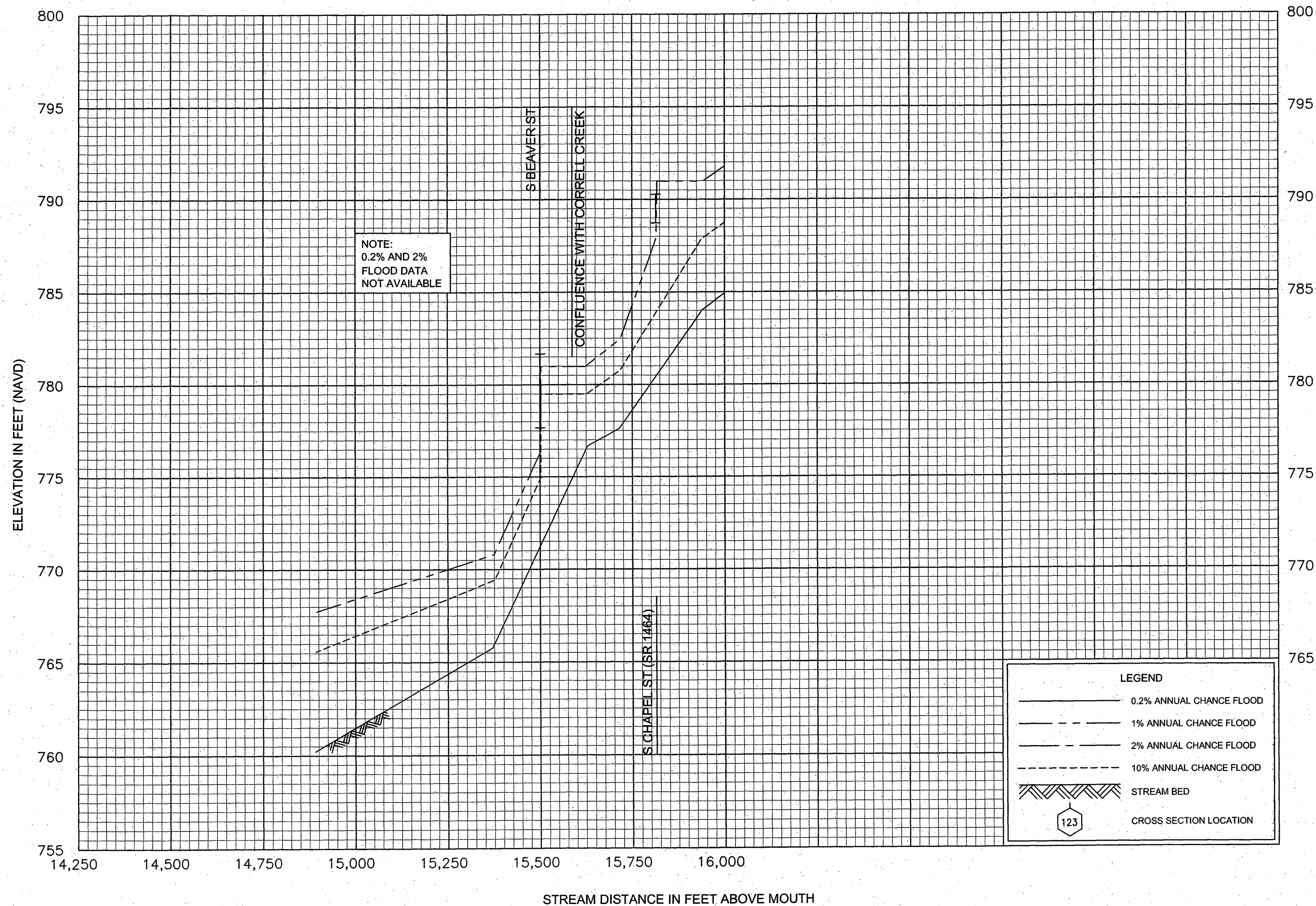
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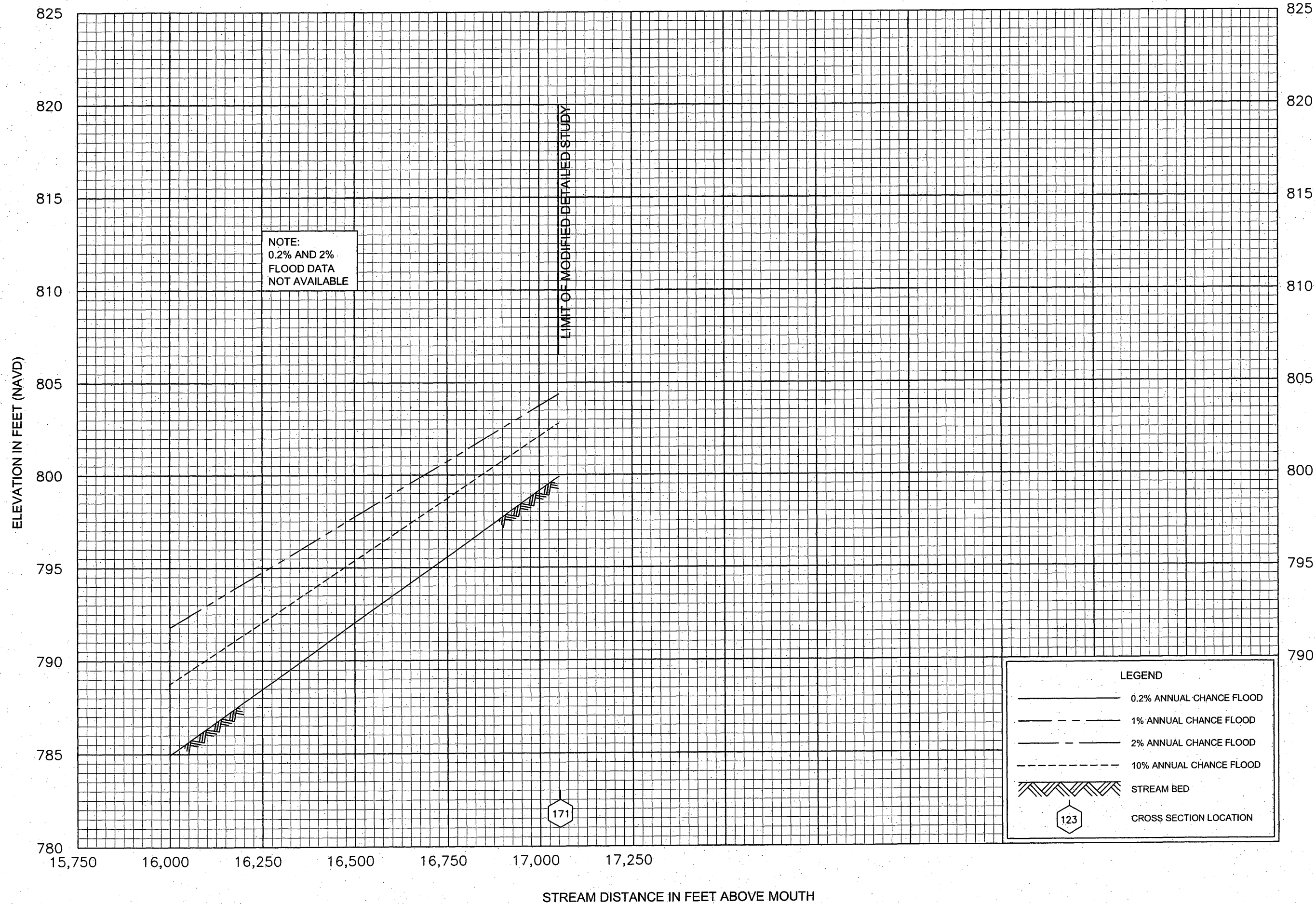
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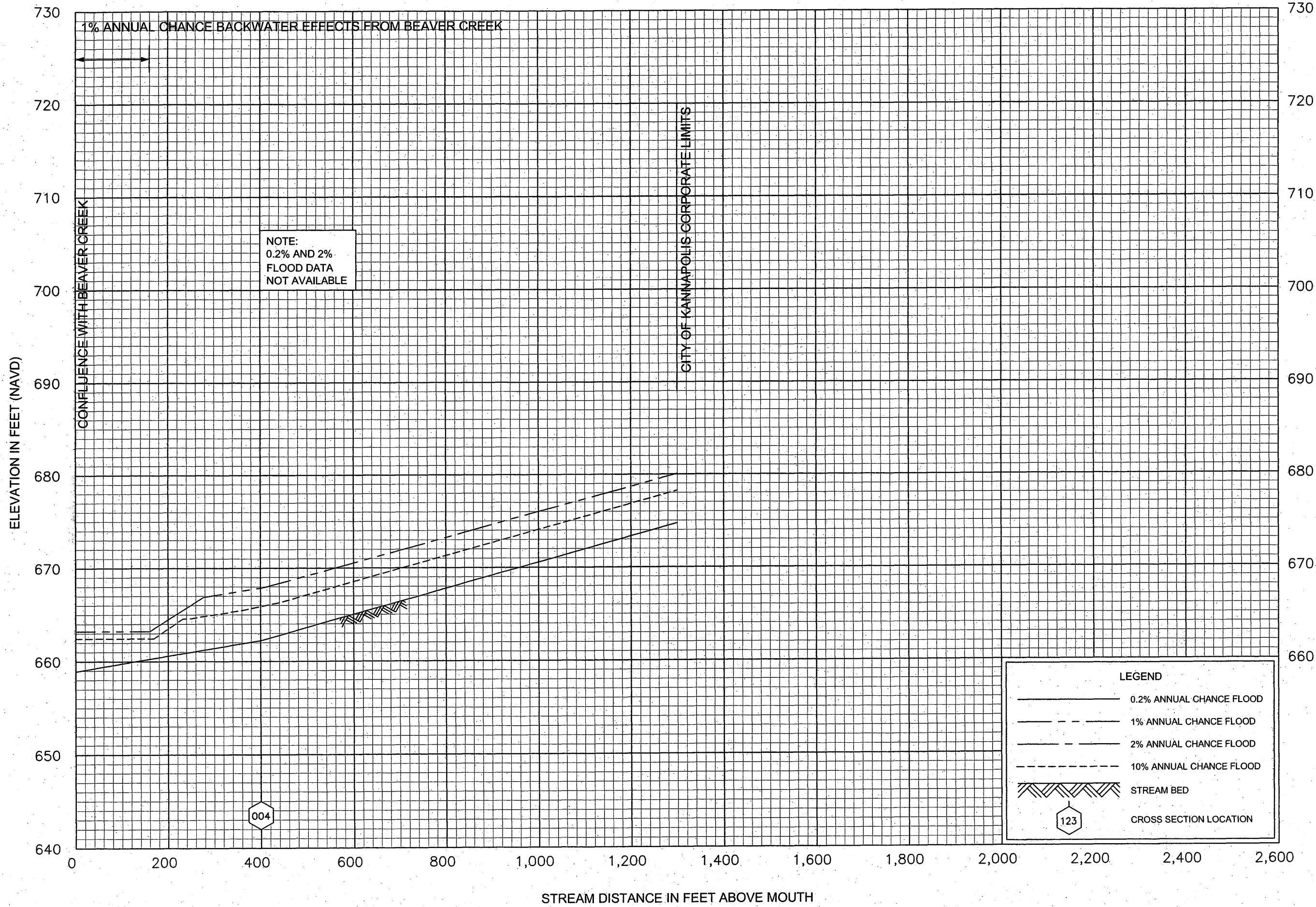
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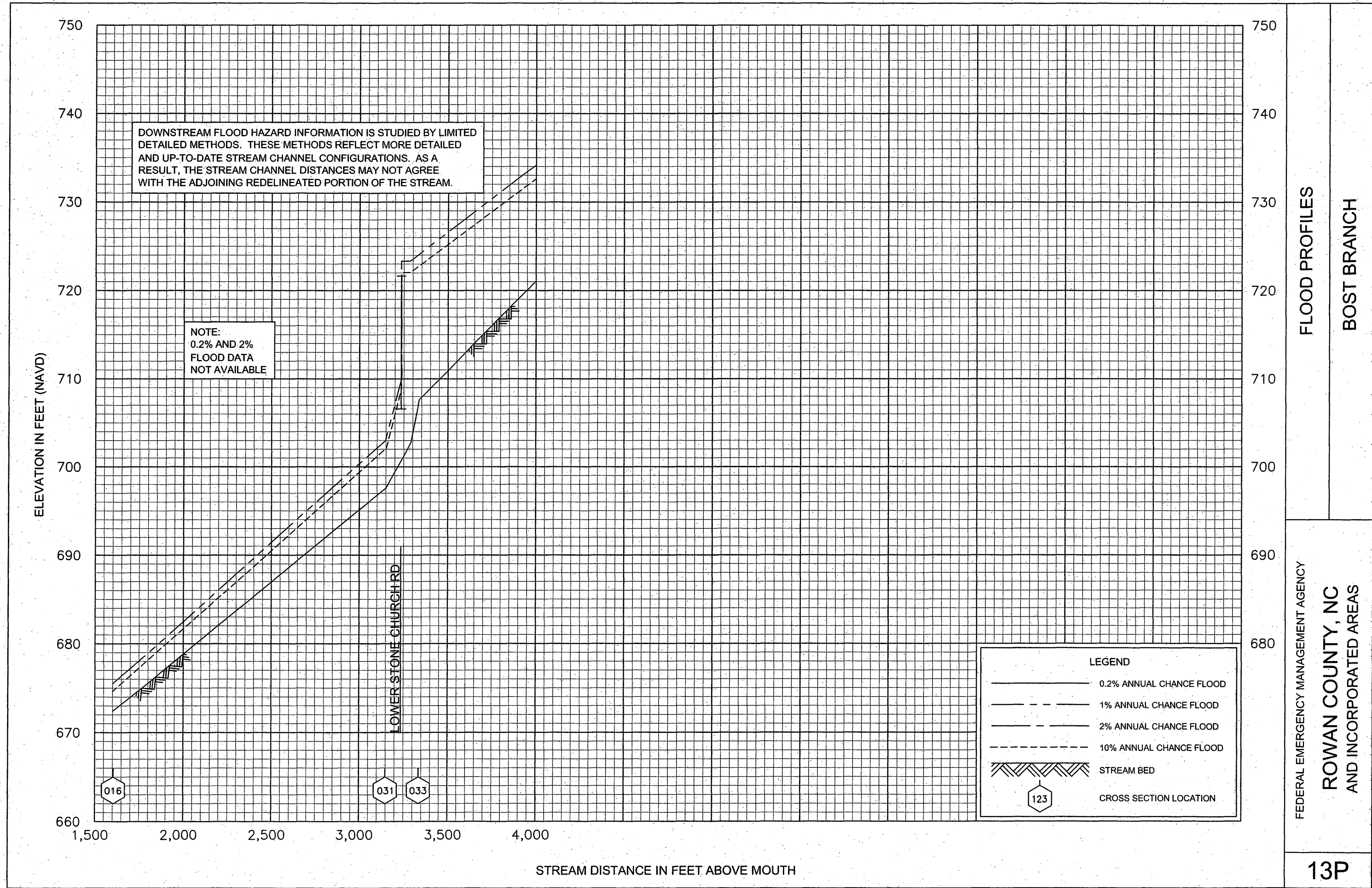


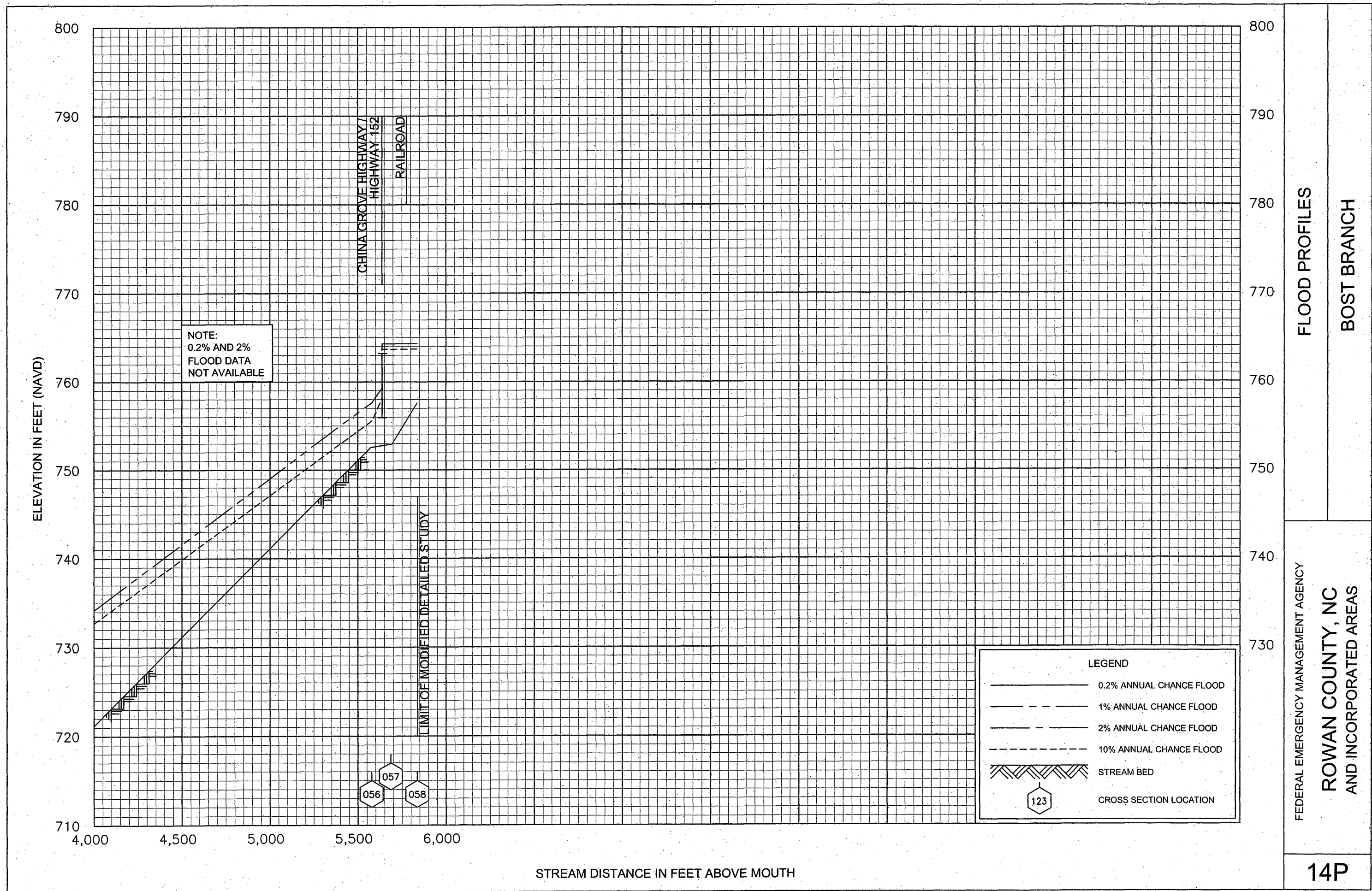
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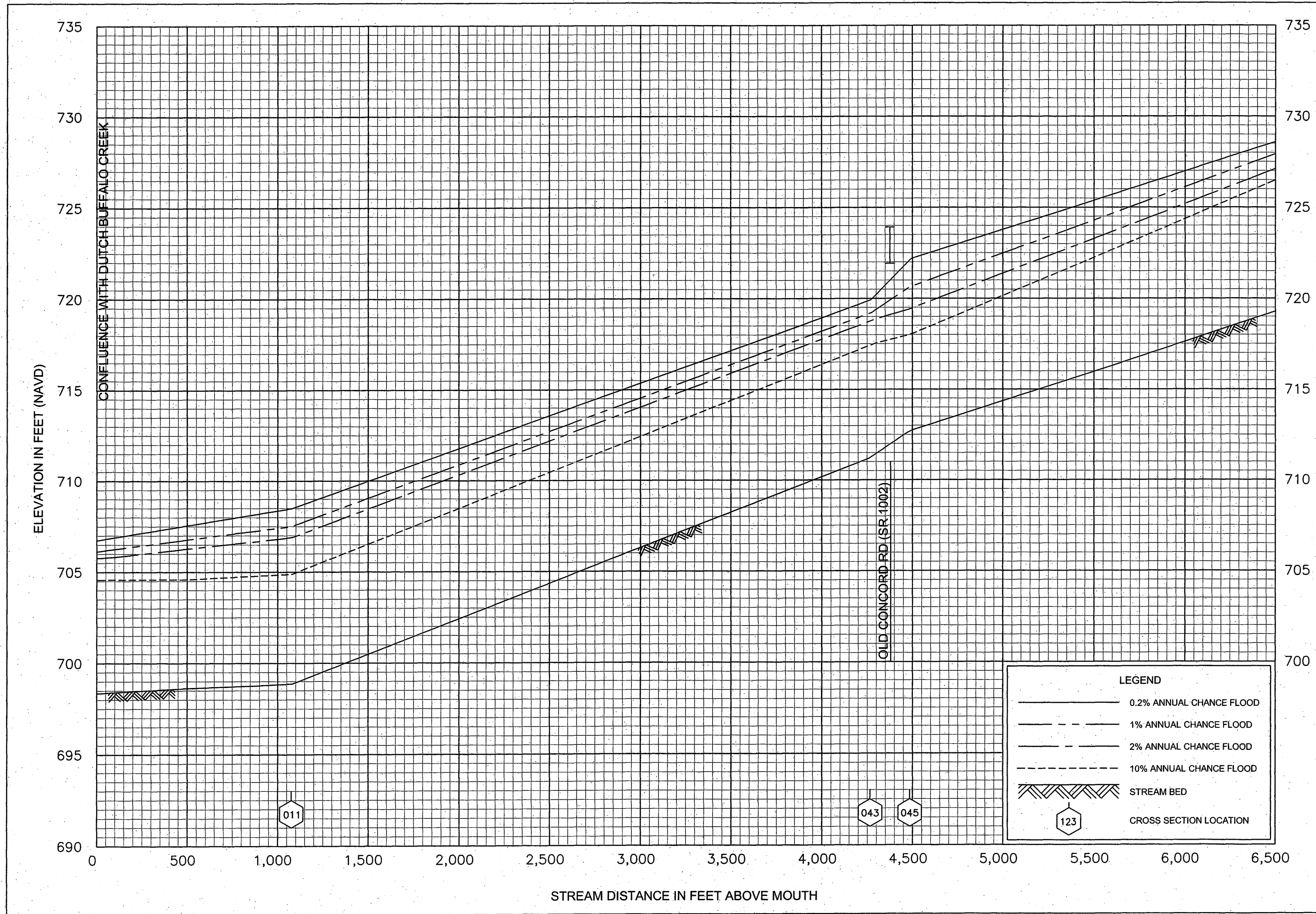
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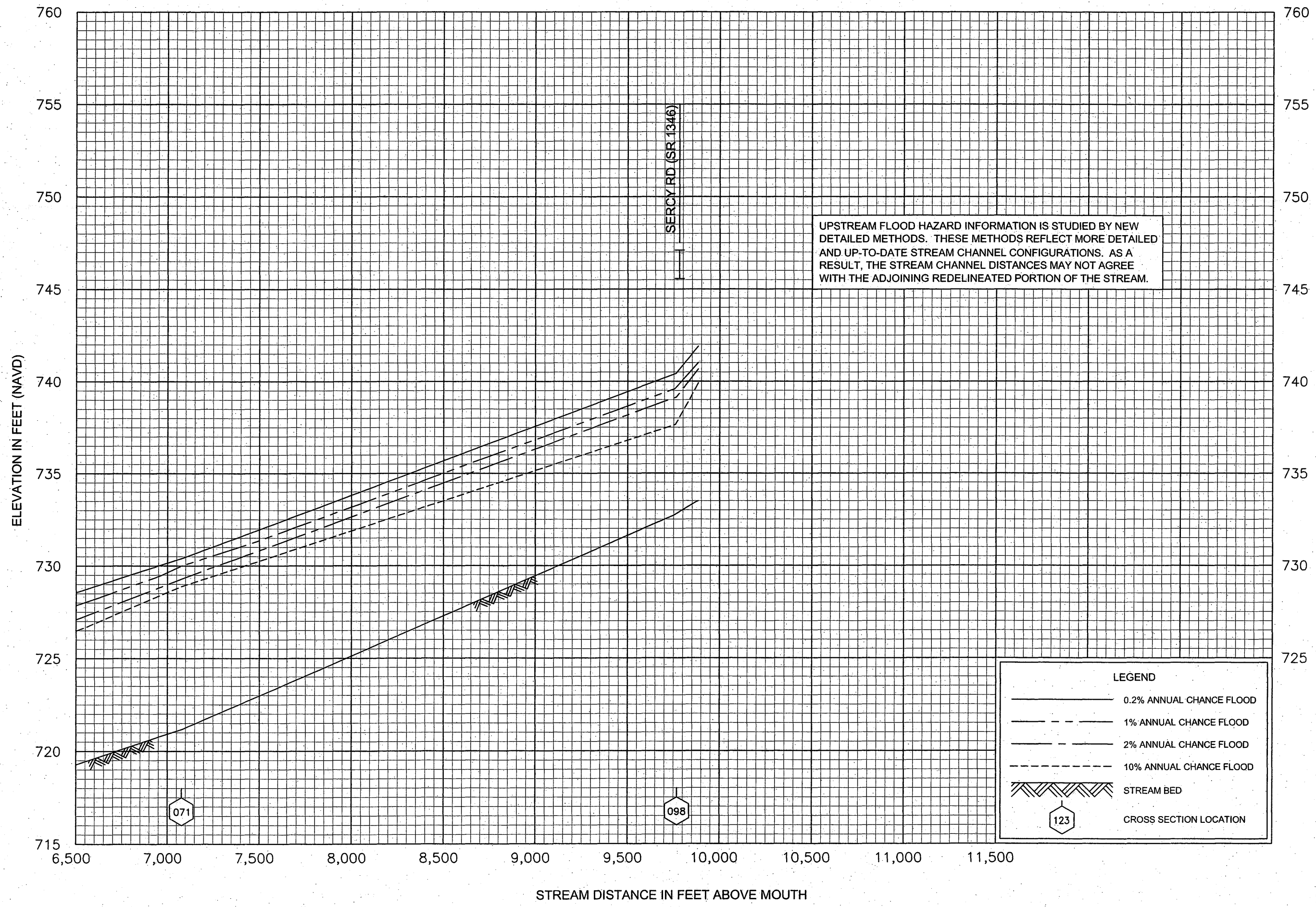
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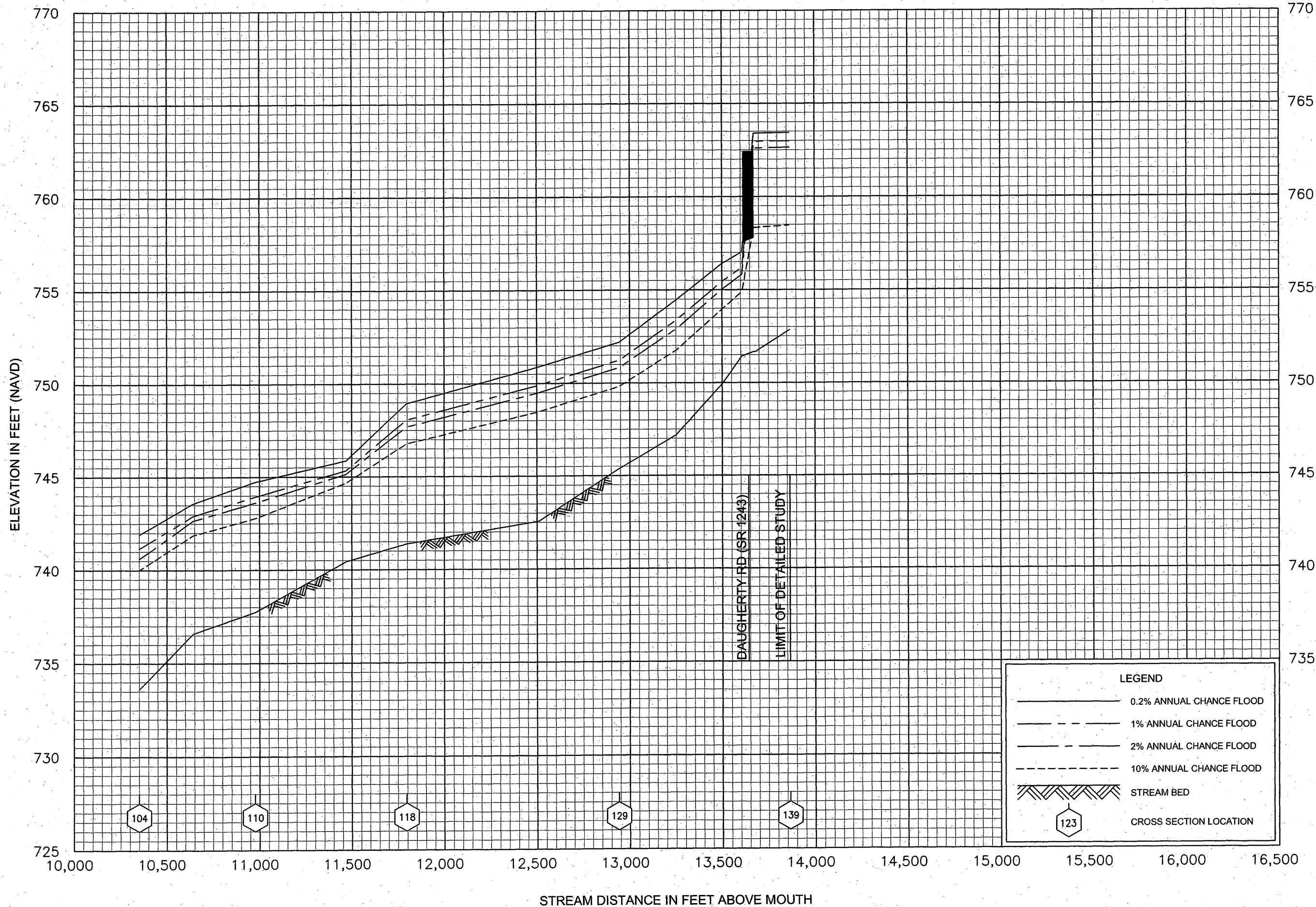
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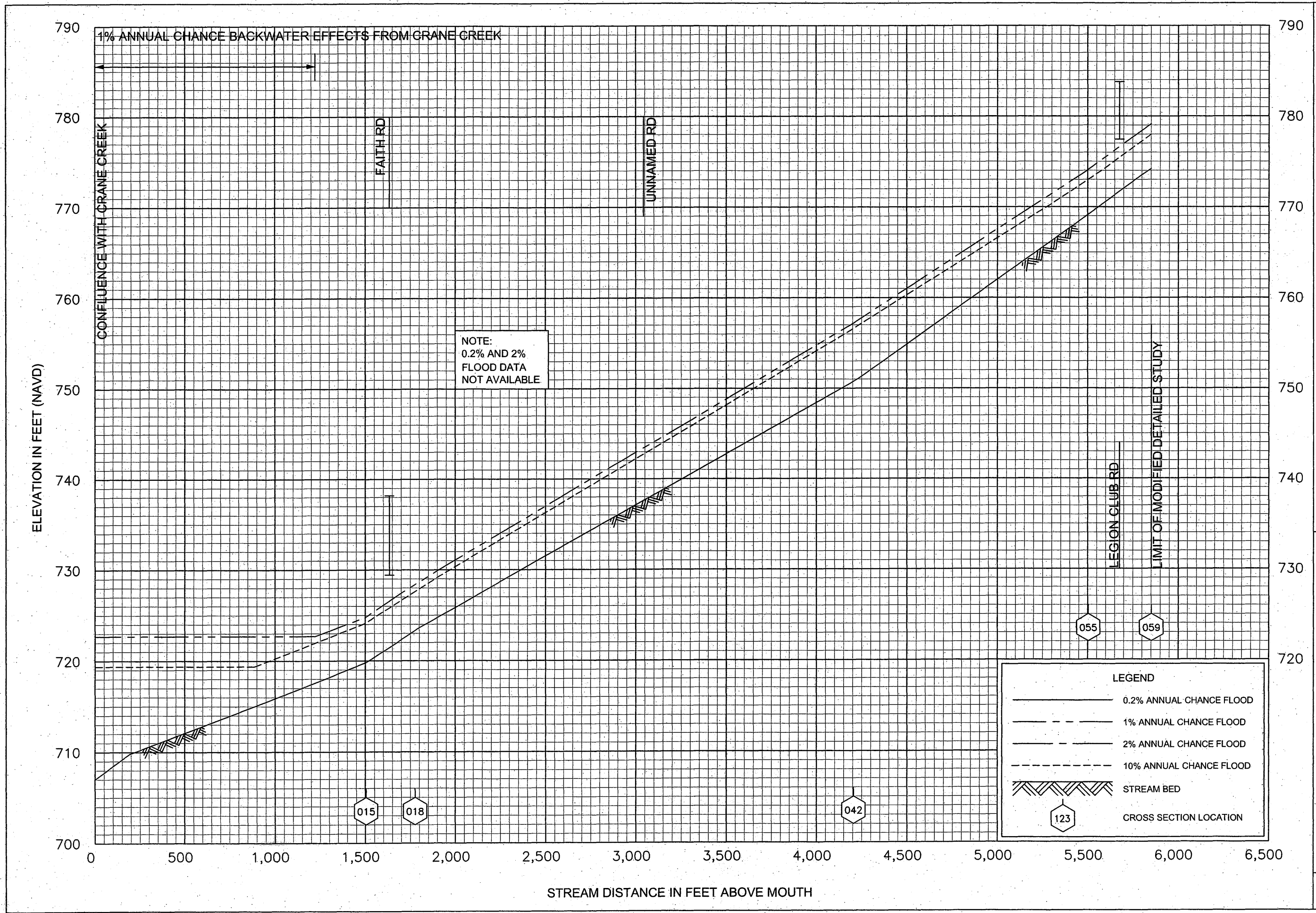
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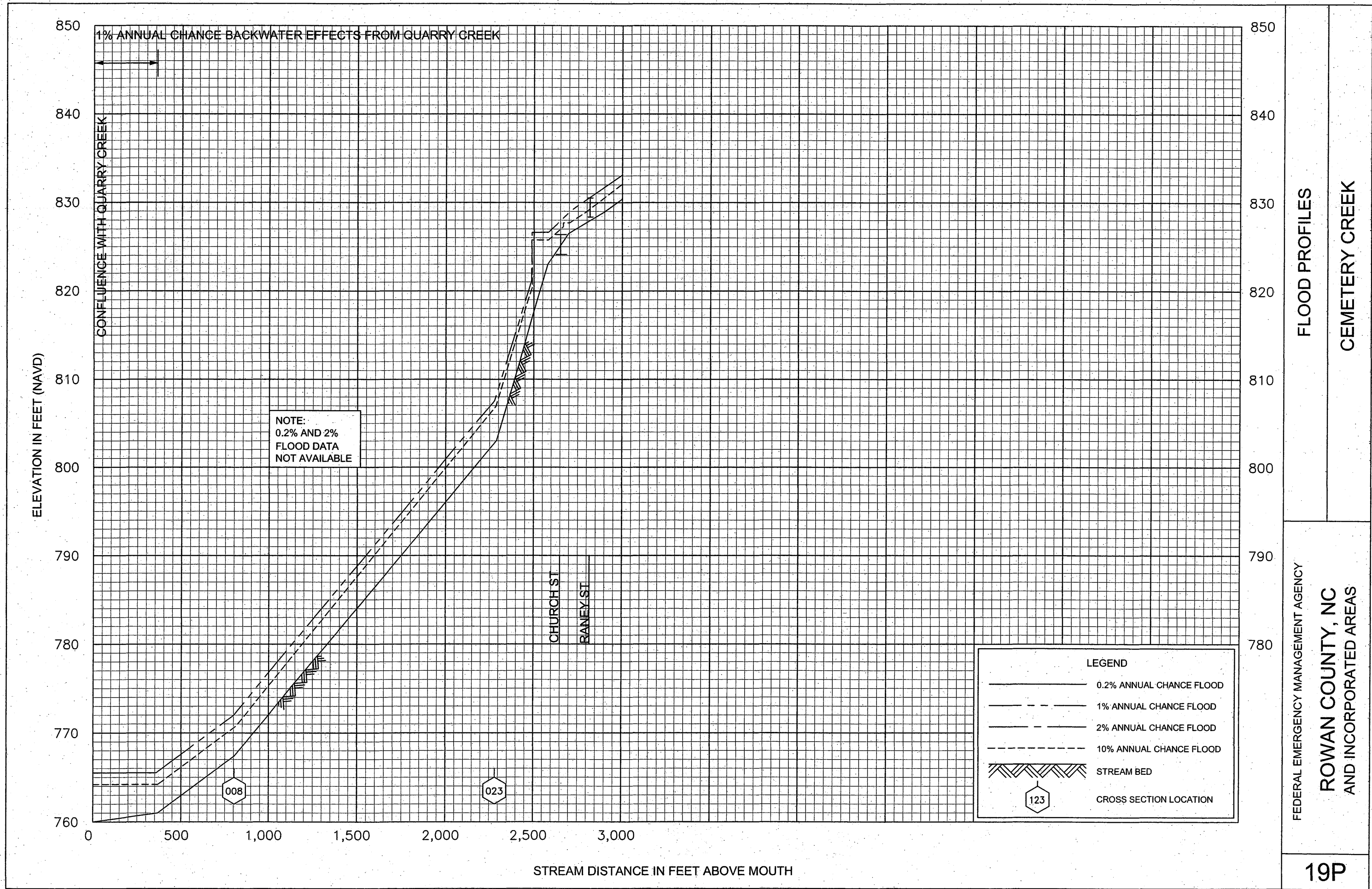
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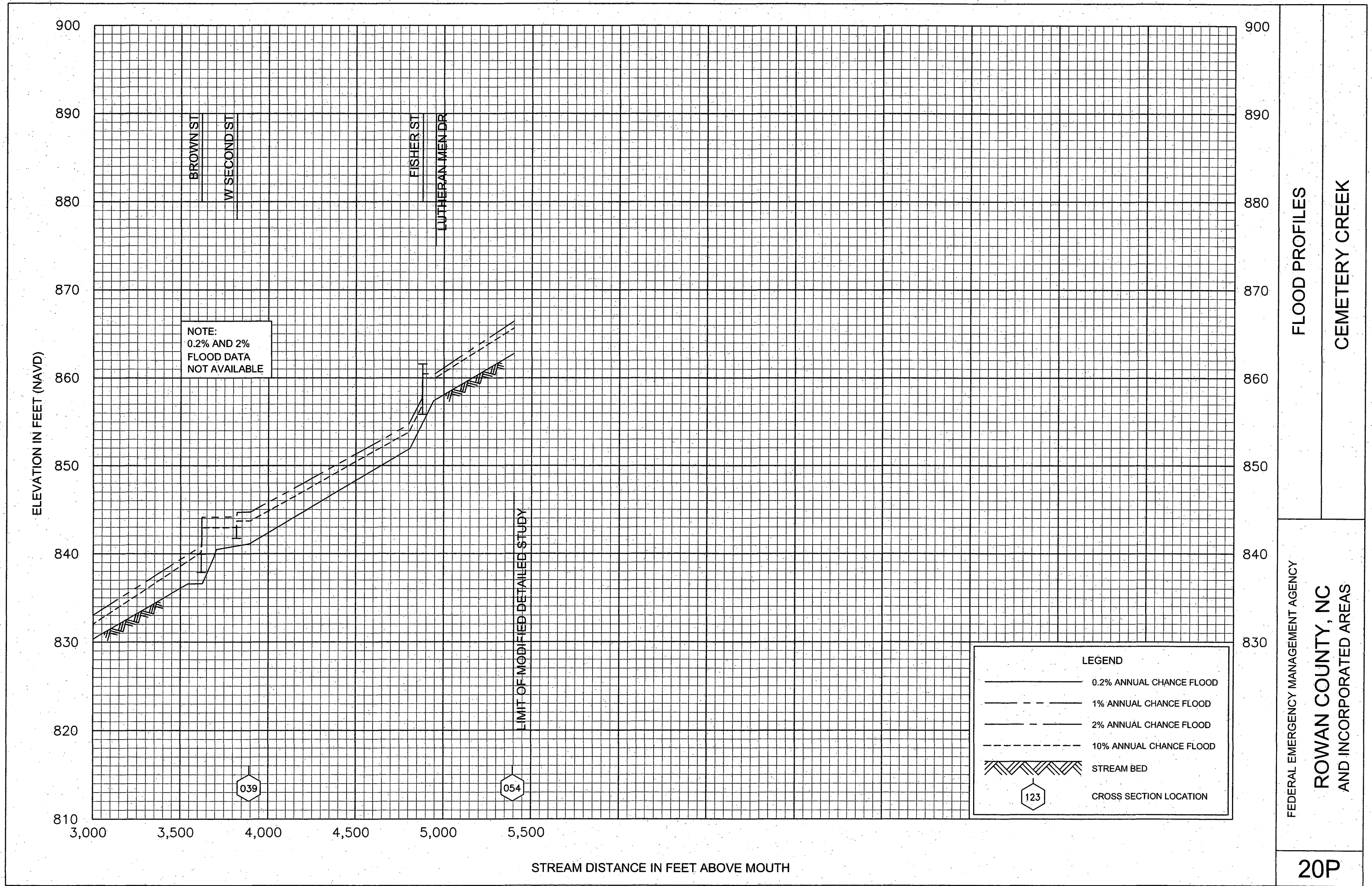
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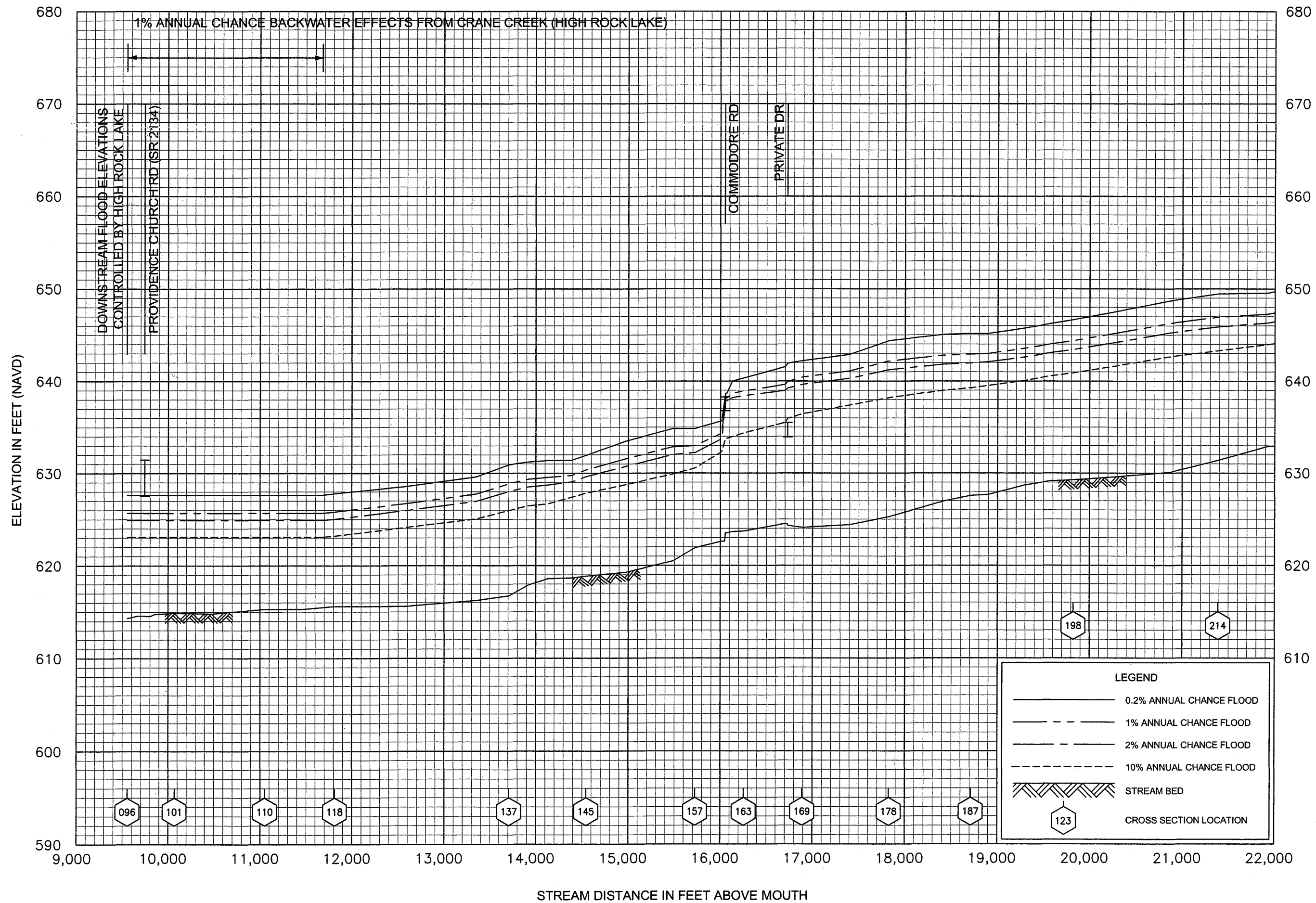
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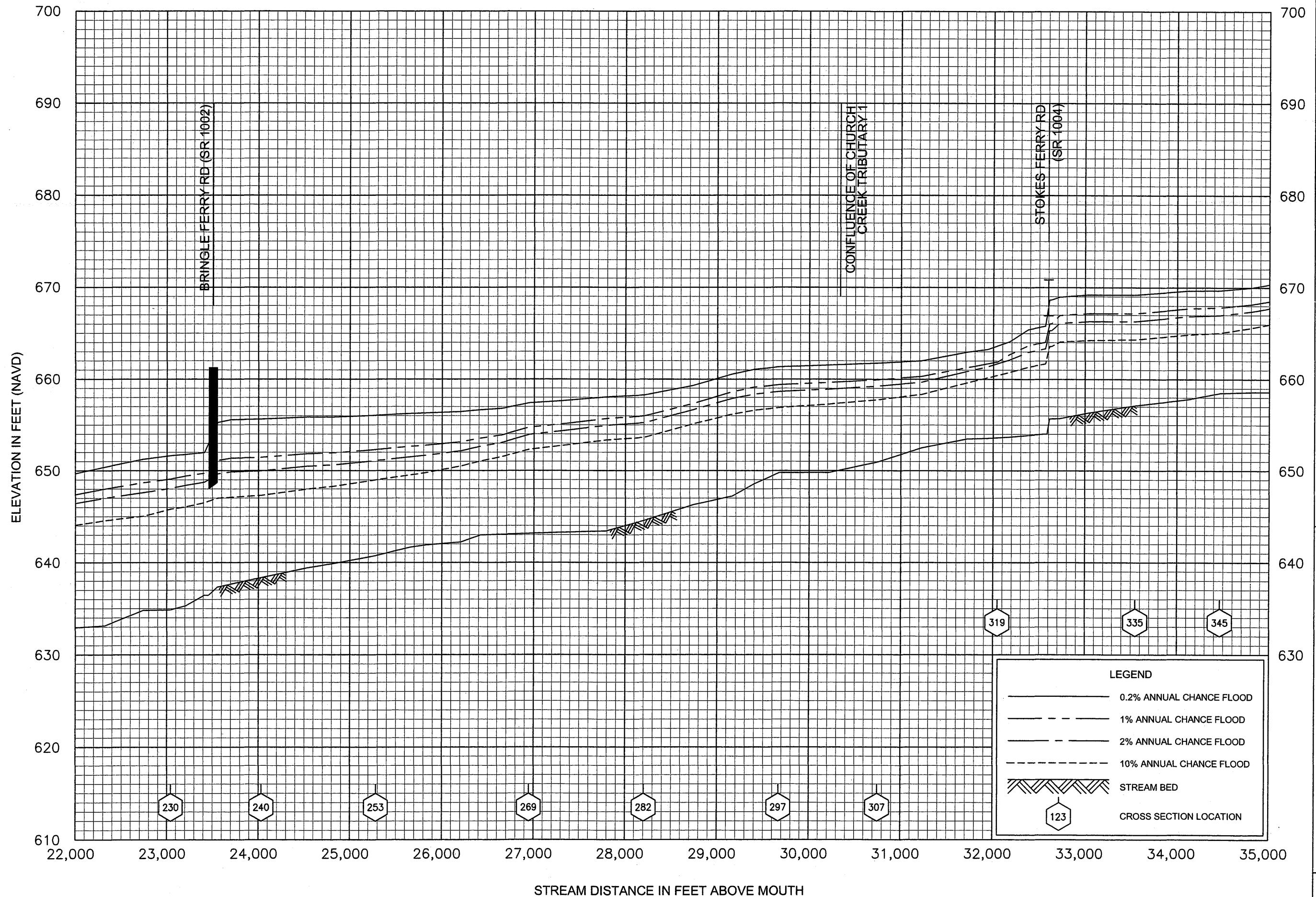
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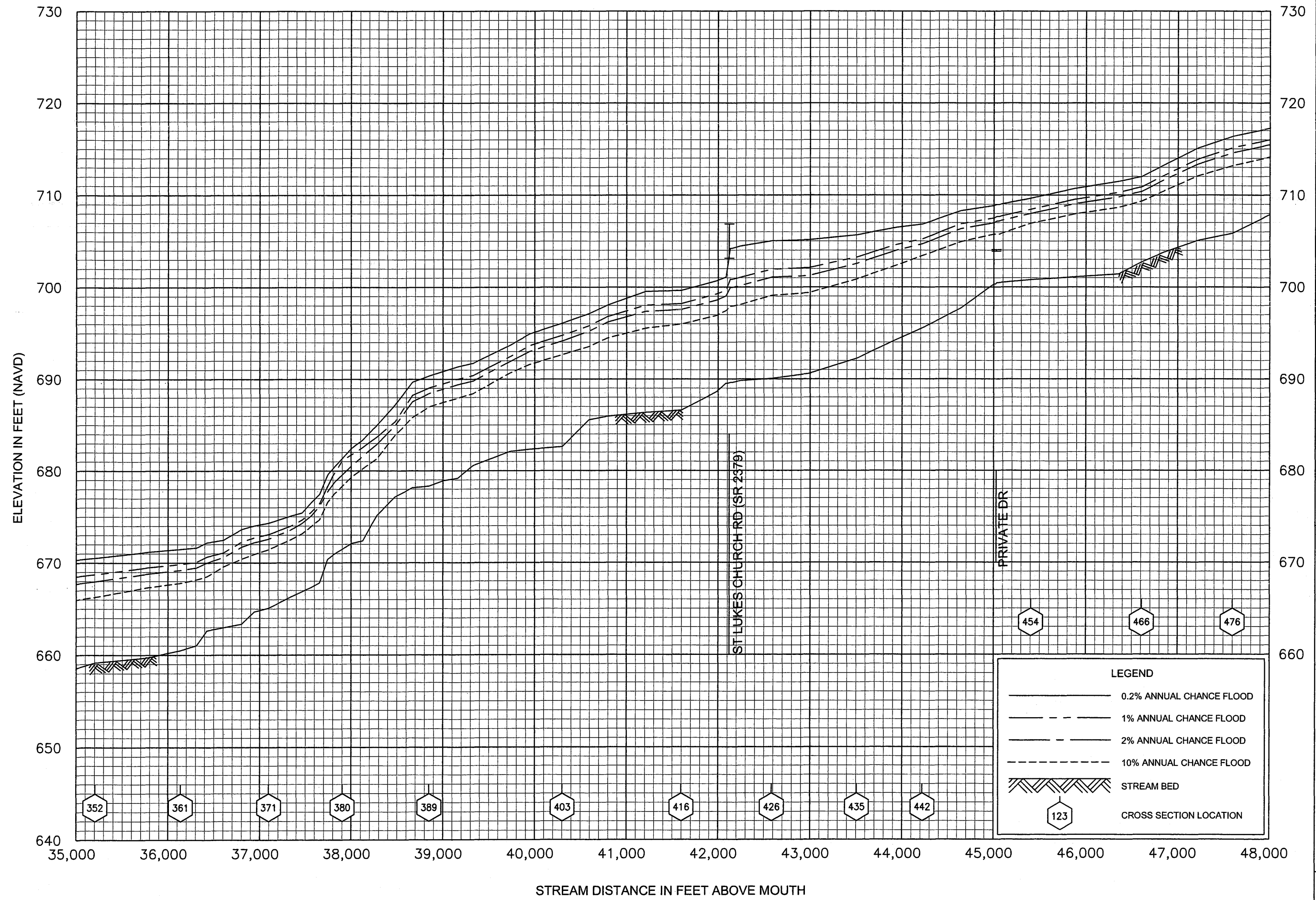
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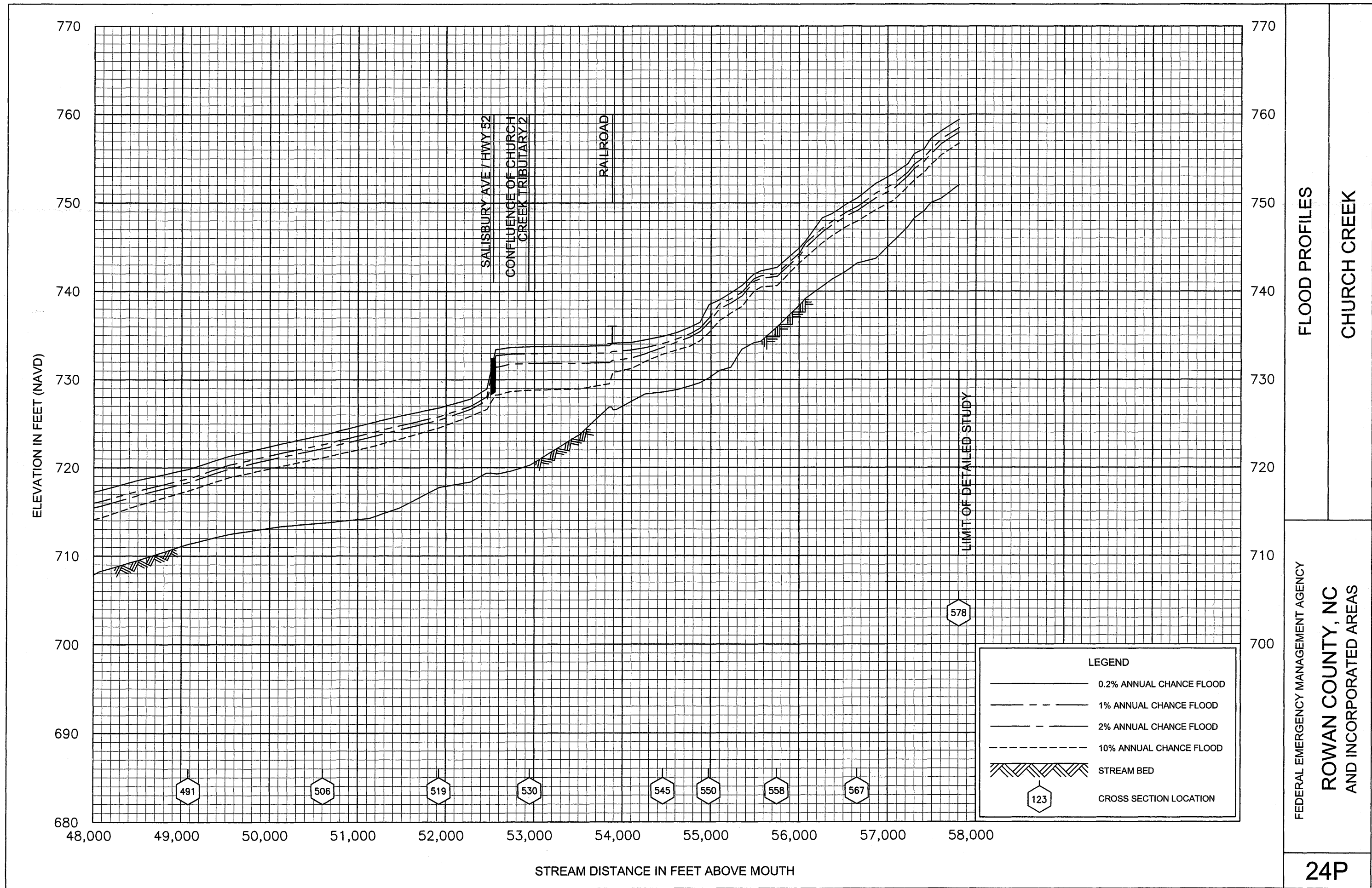
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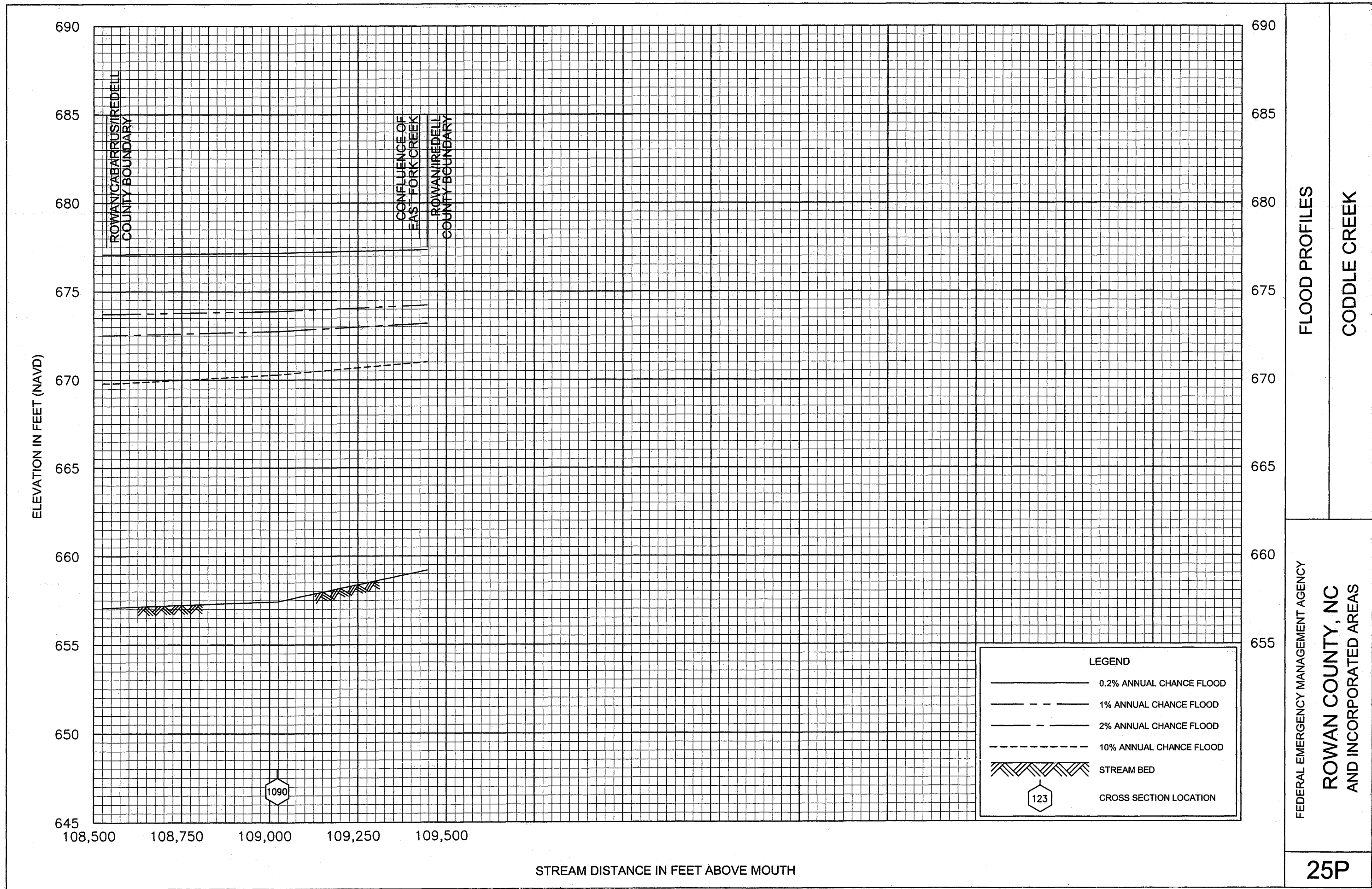




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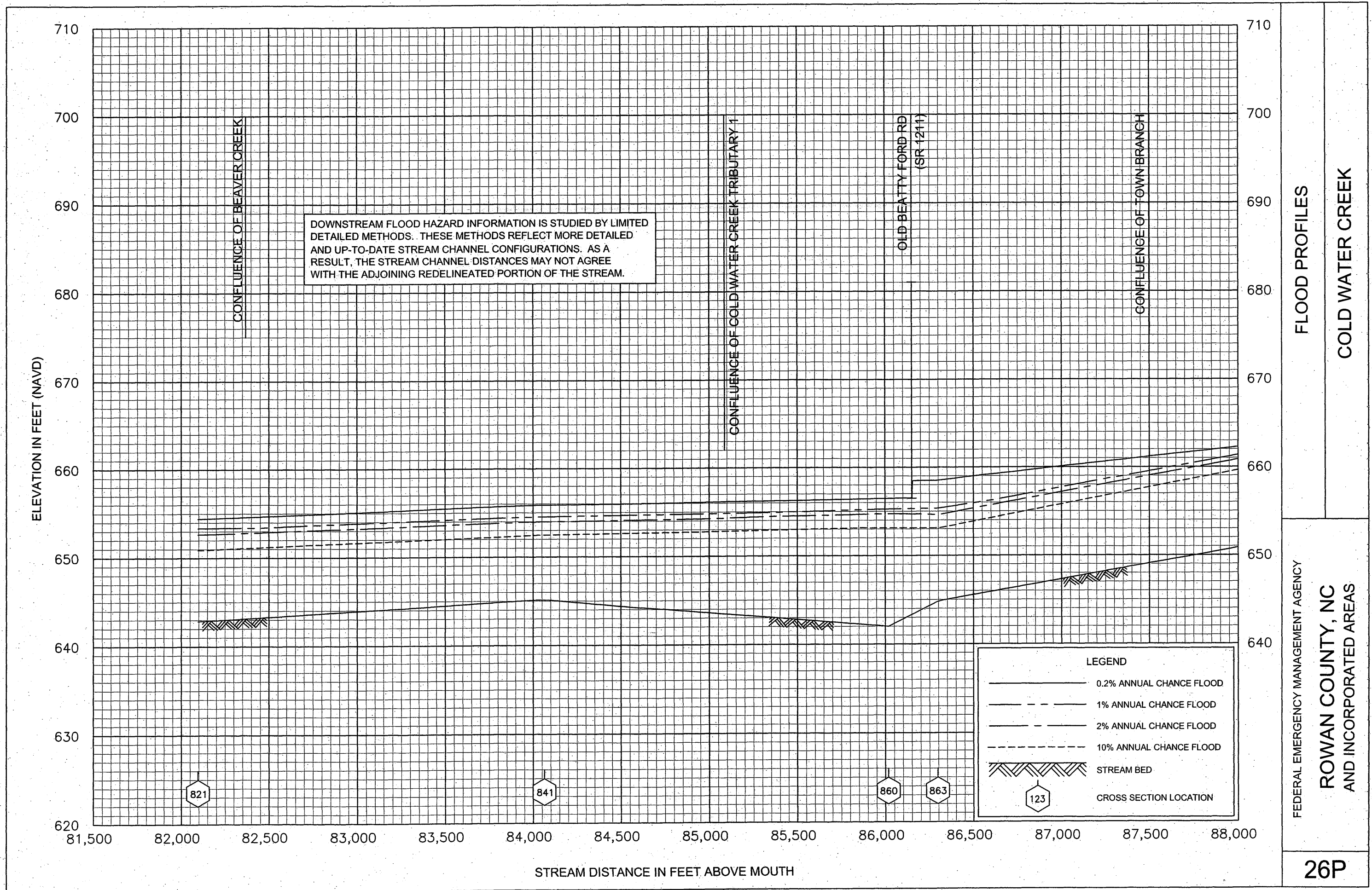
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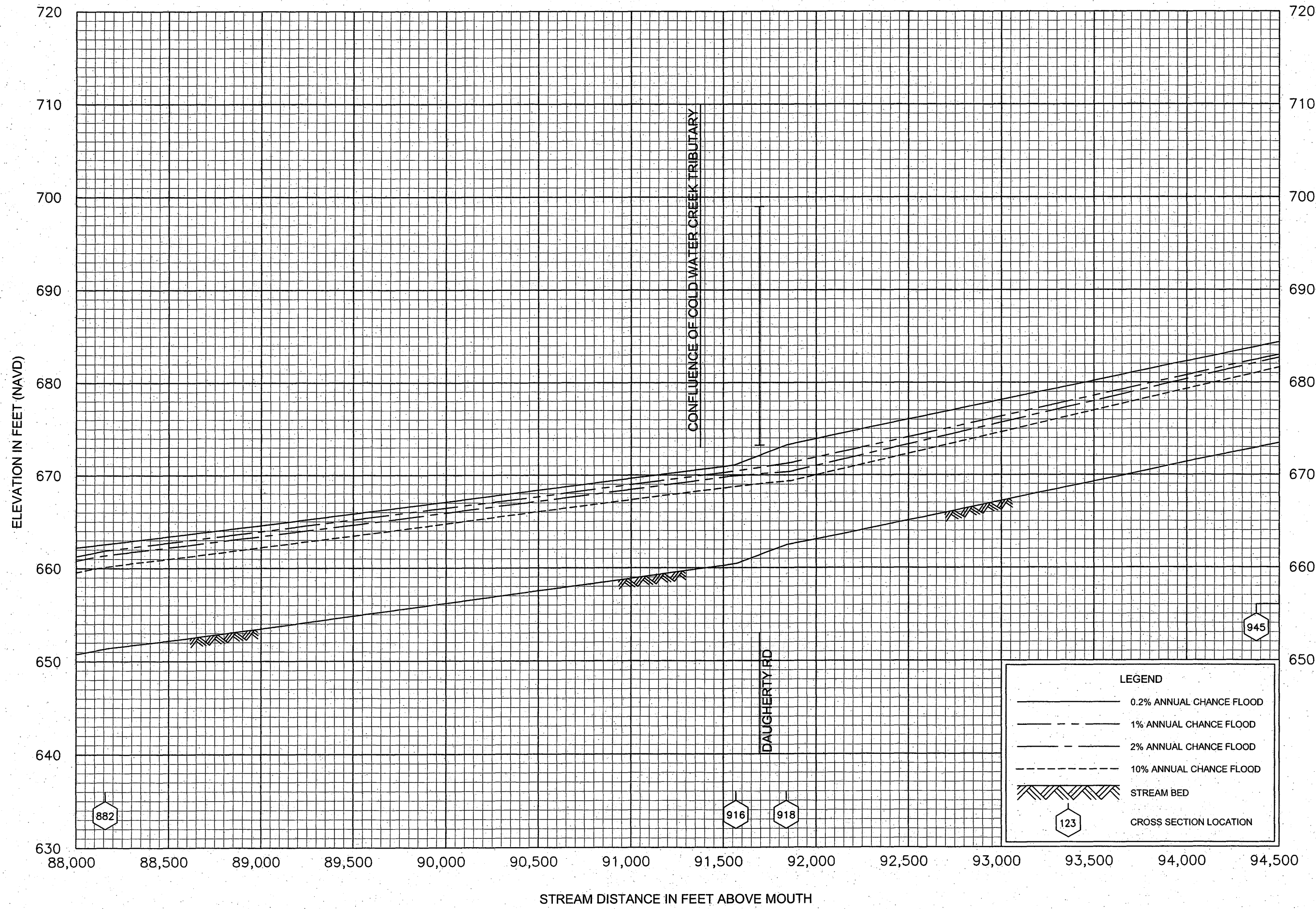
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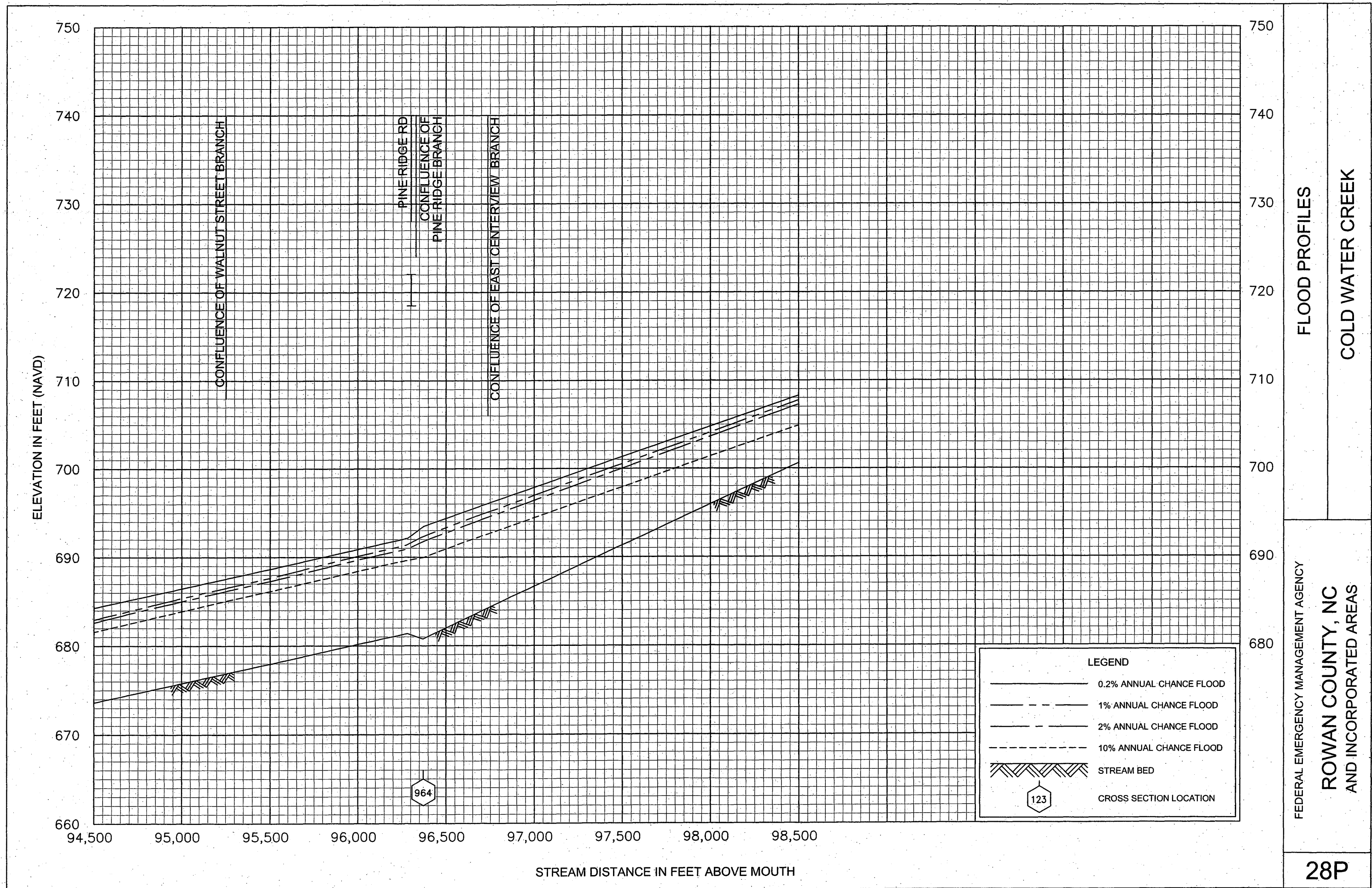
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COLD WATER CREEK

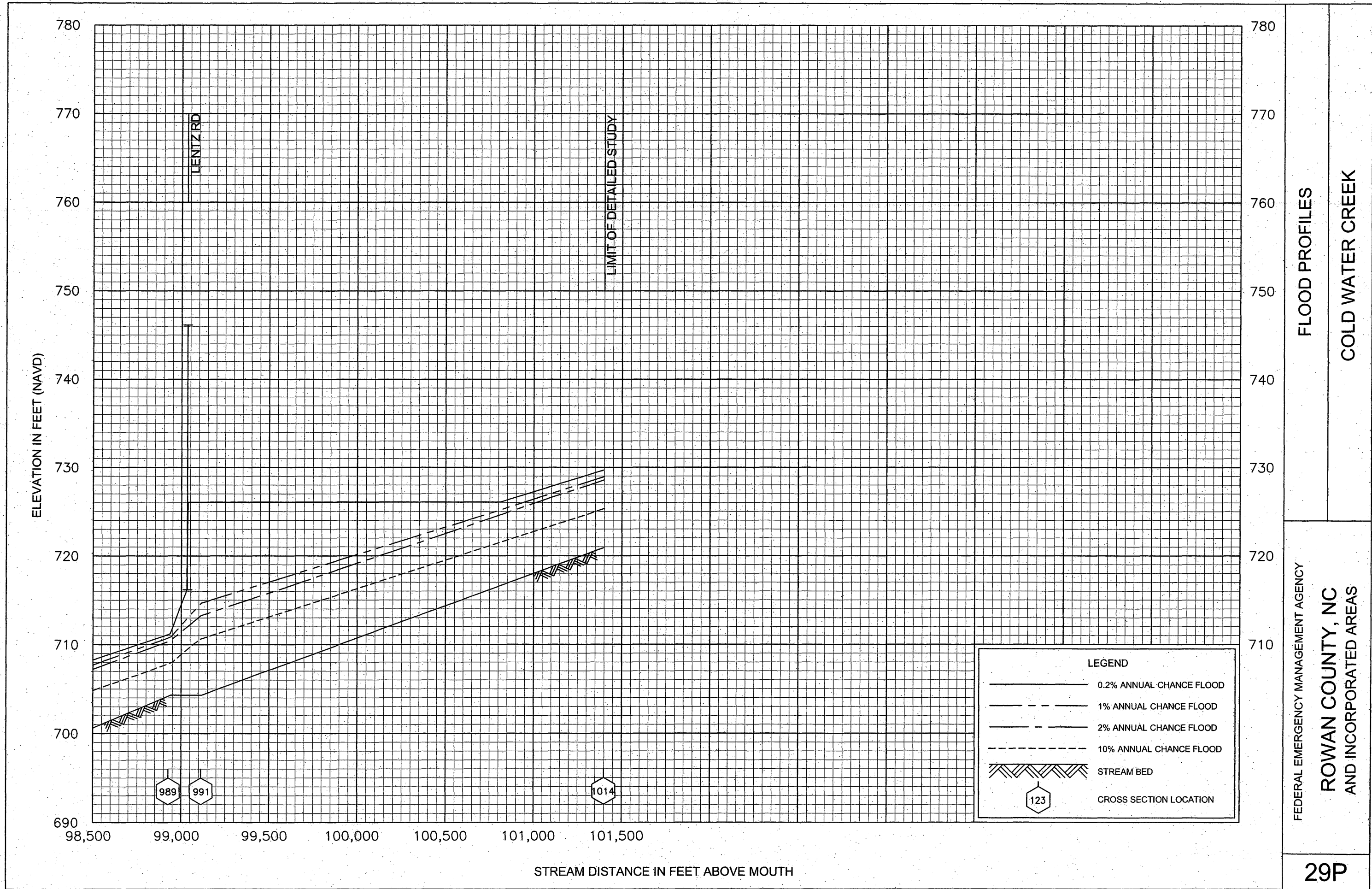
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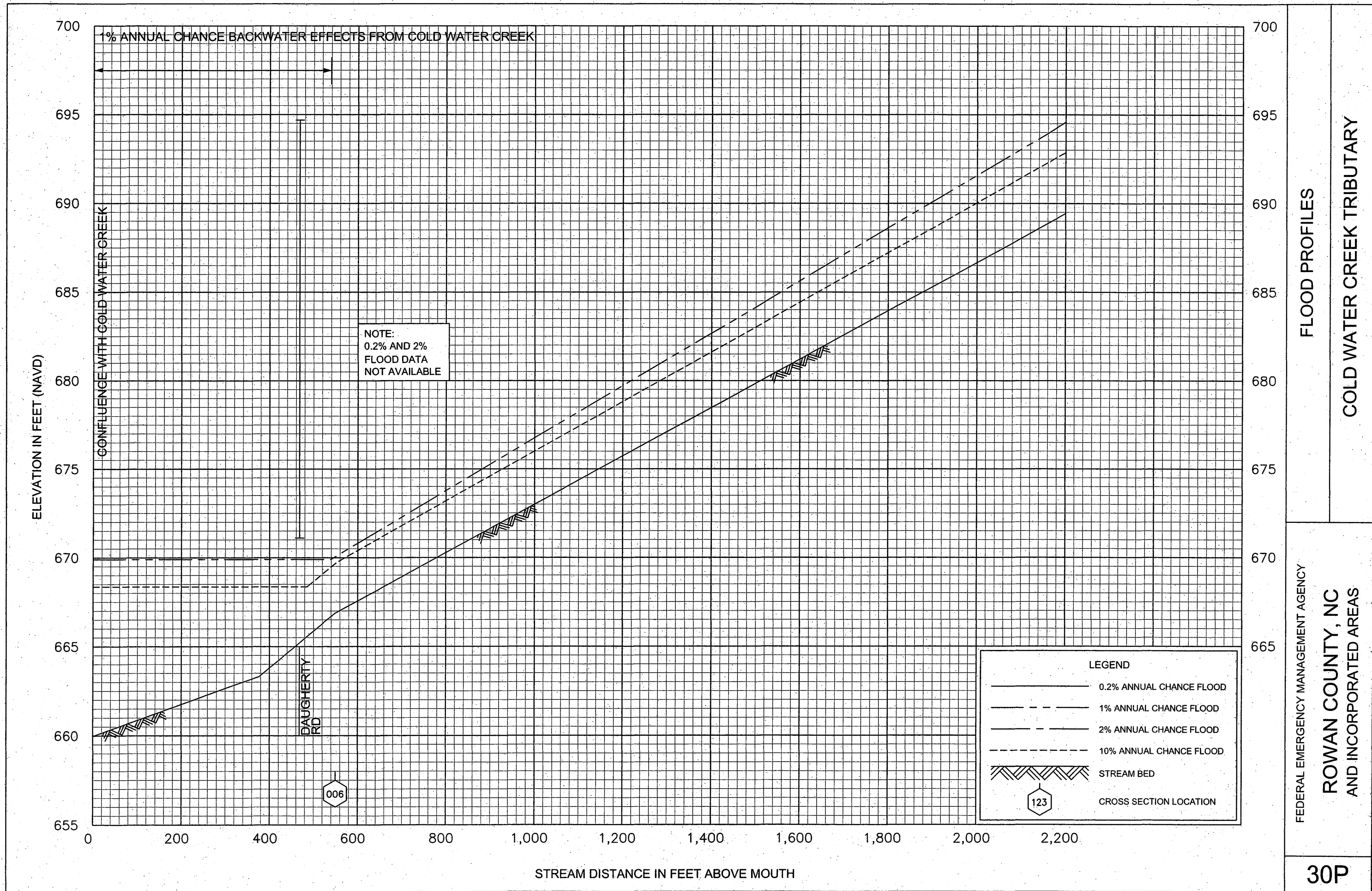




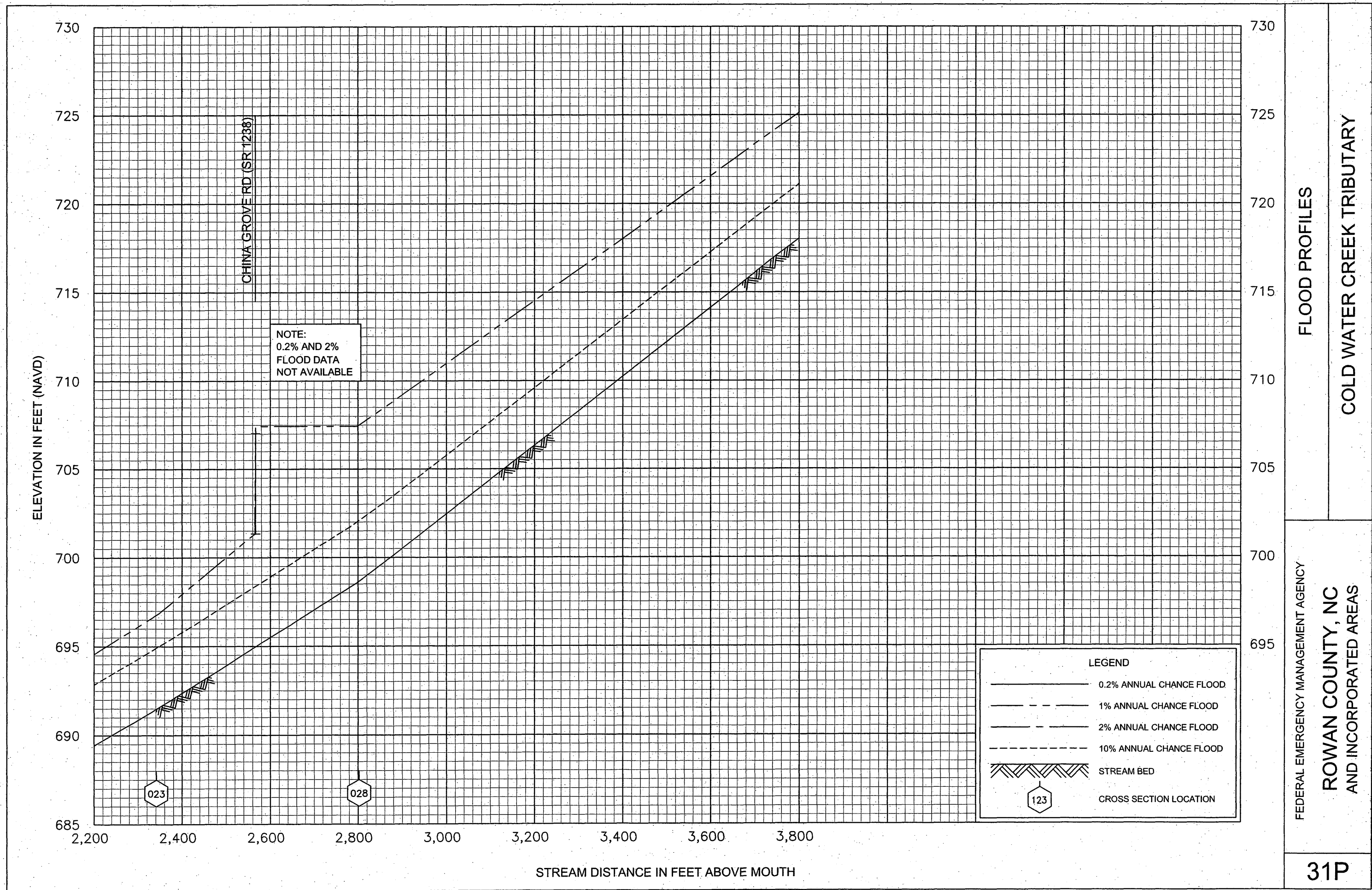
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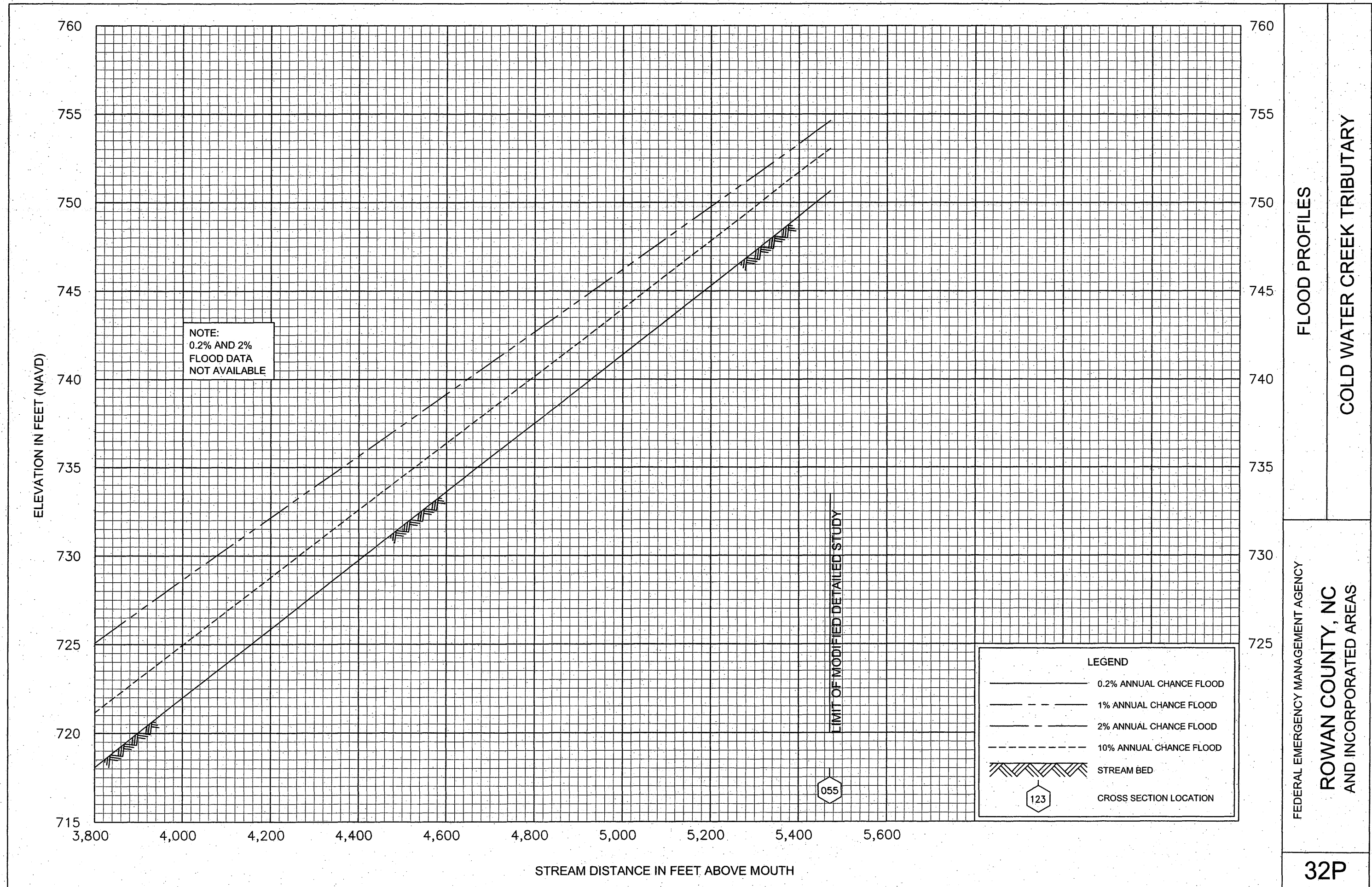
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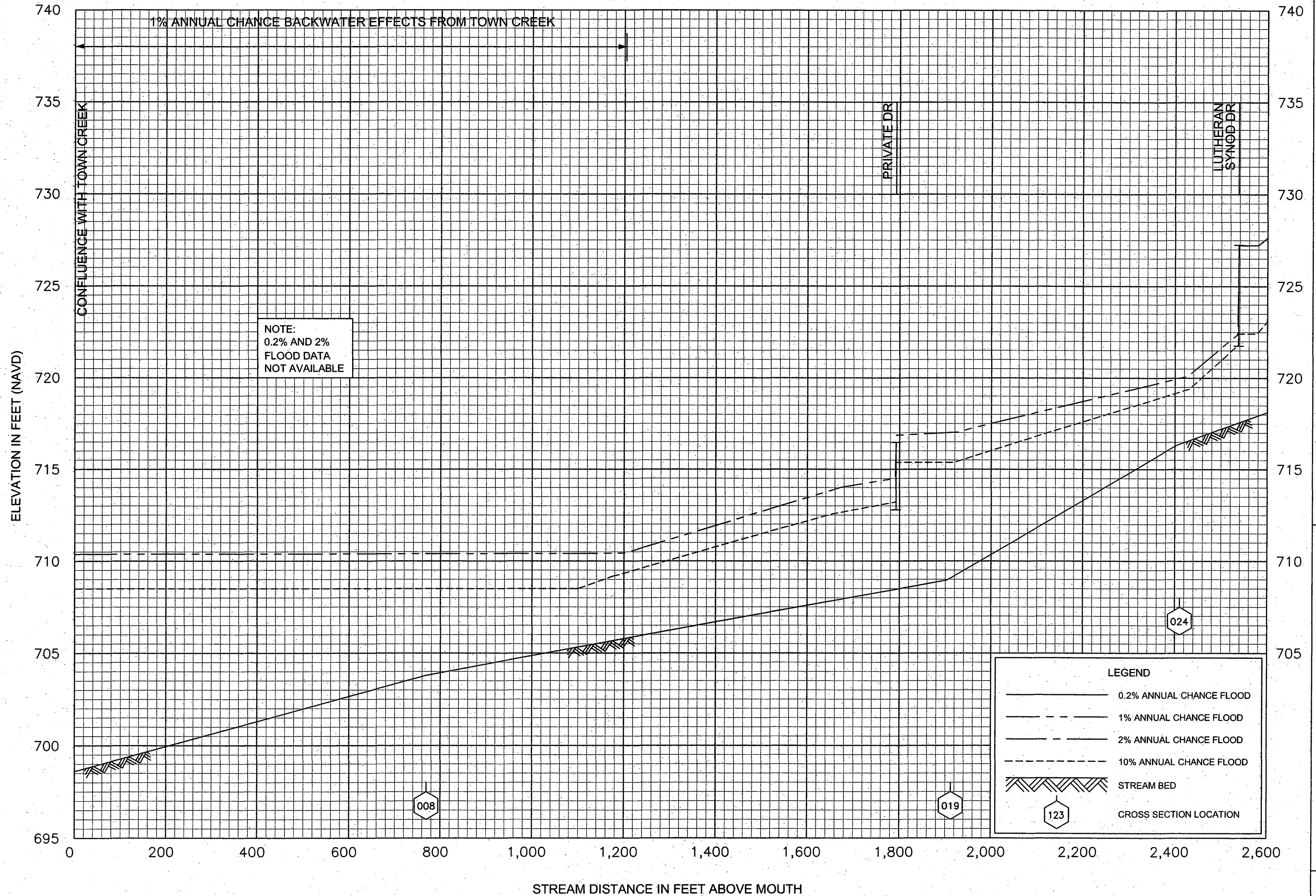


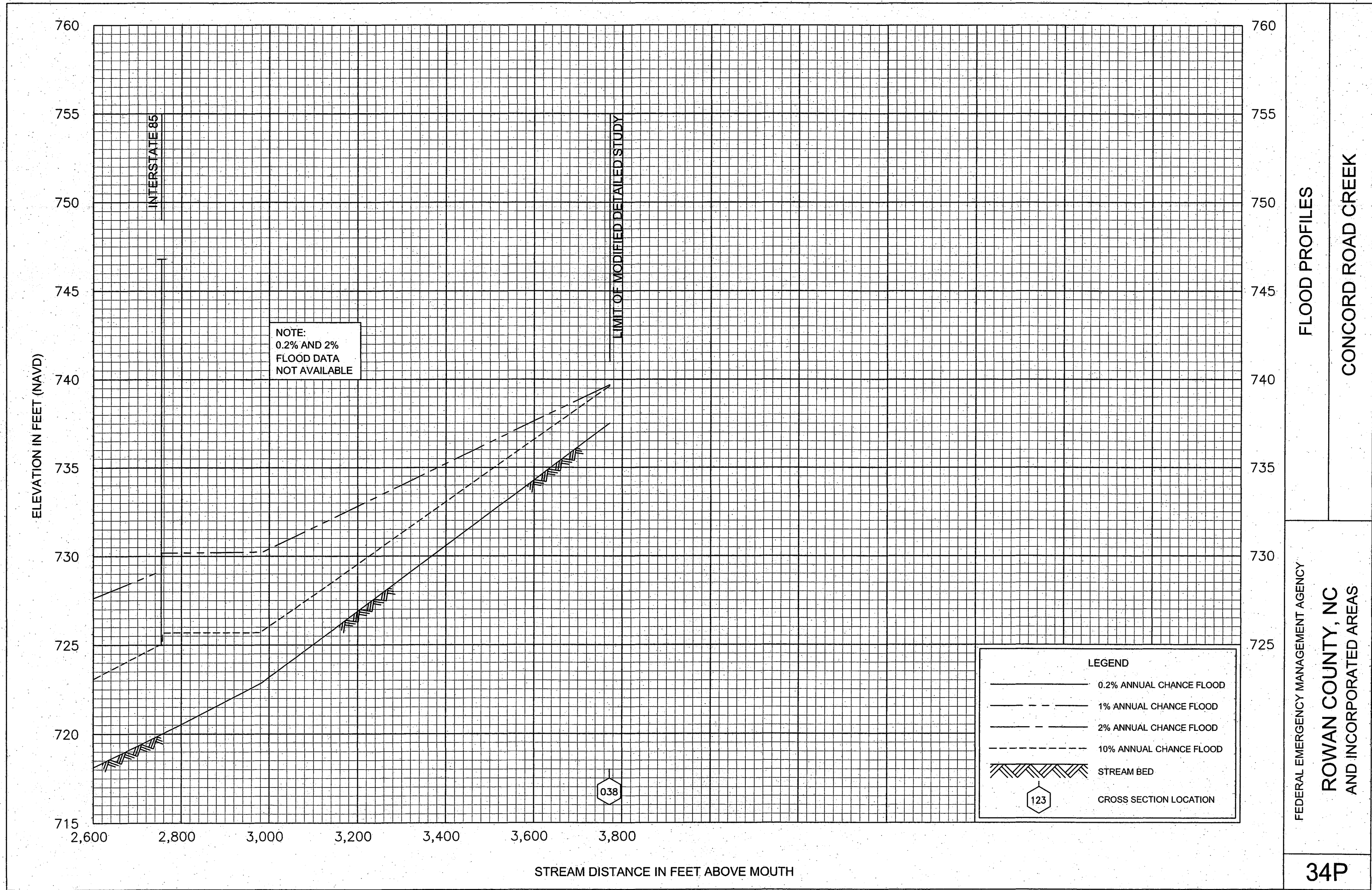


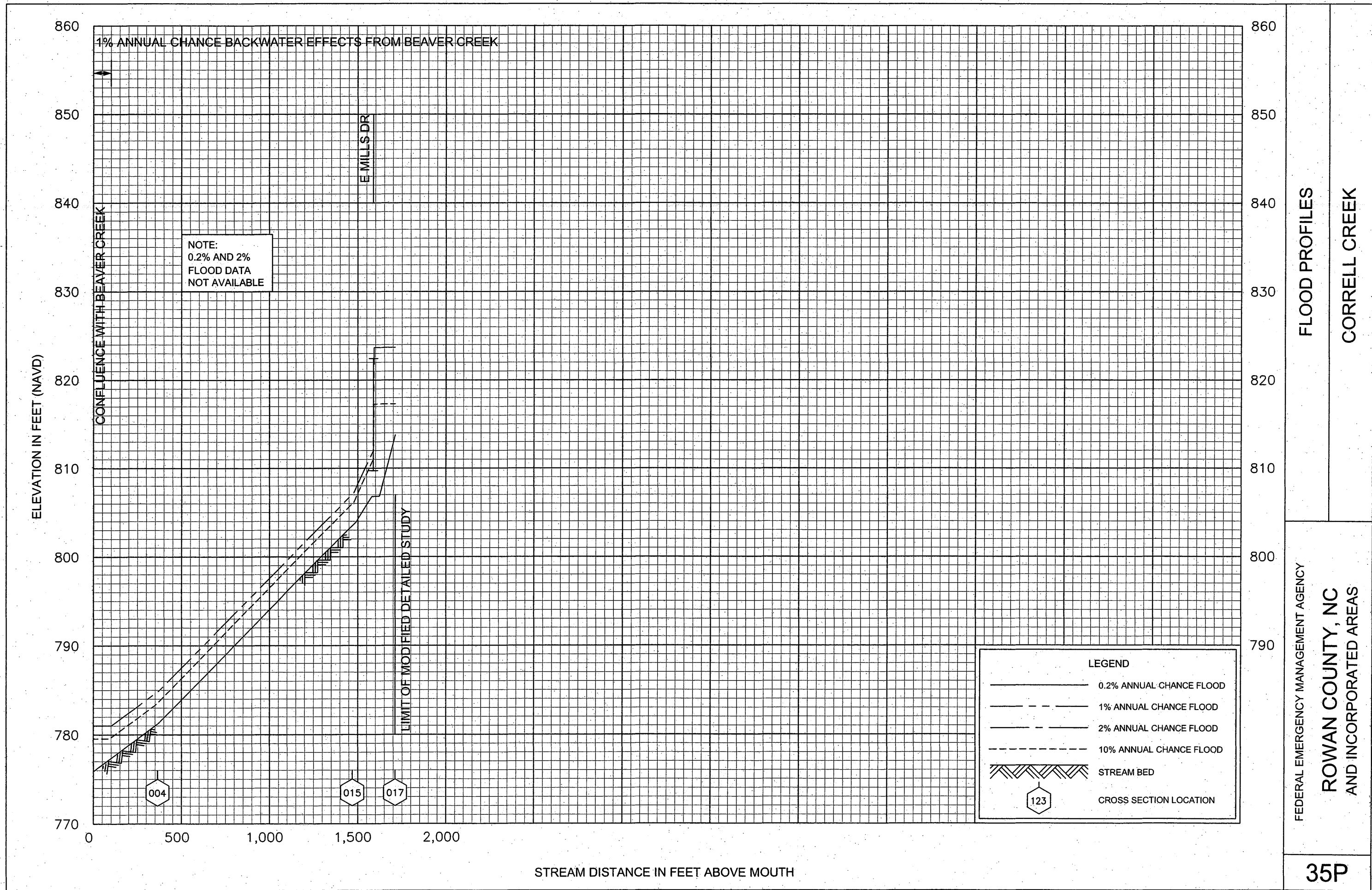




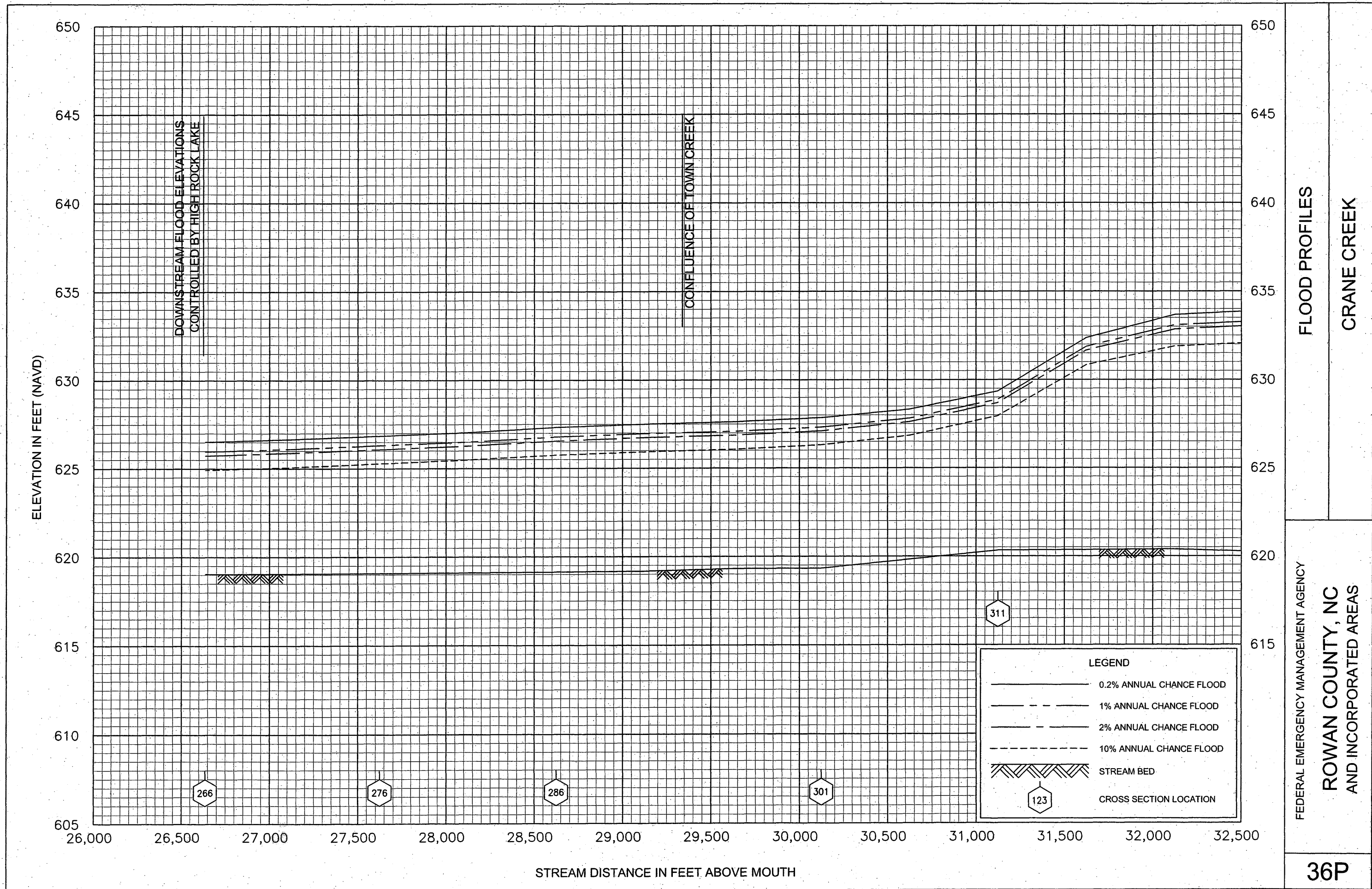


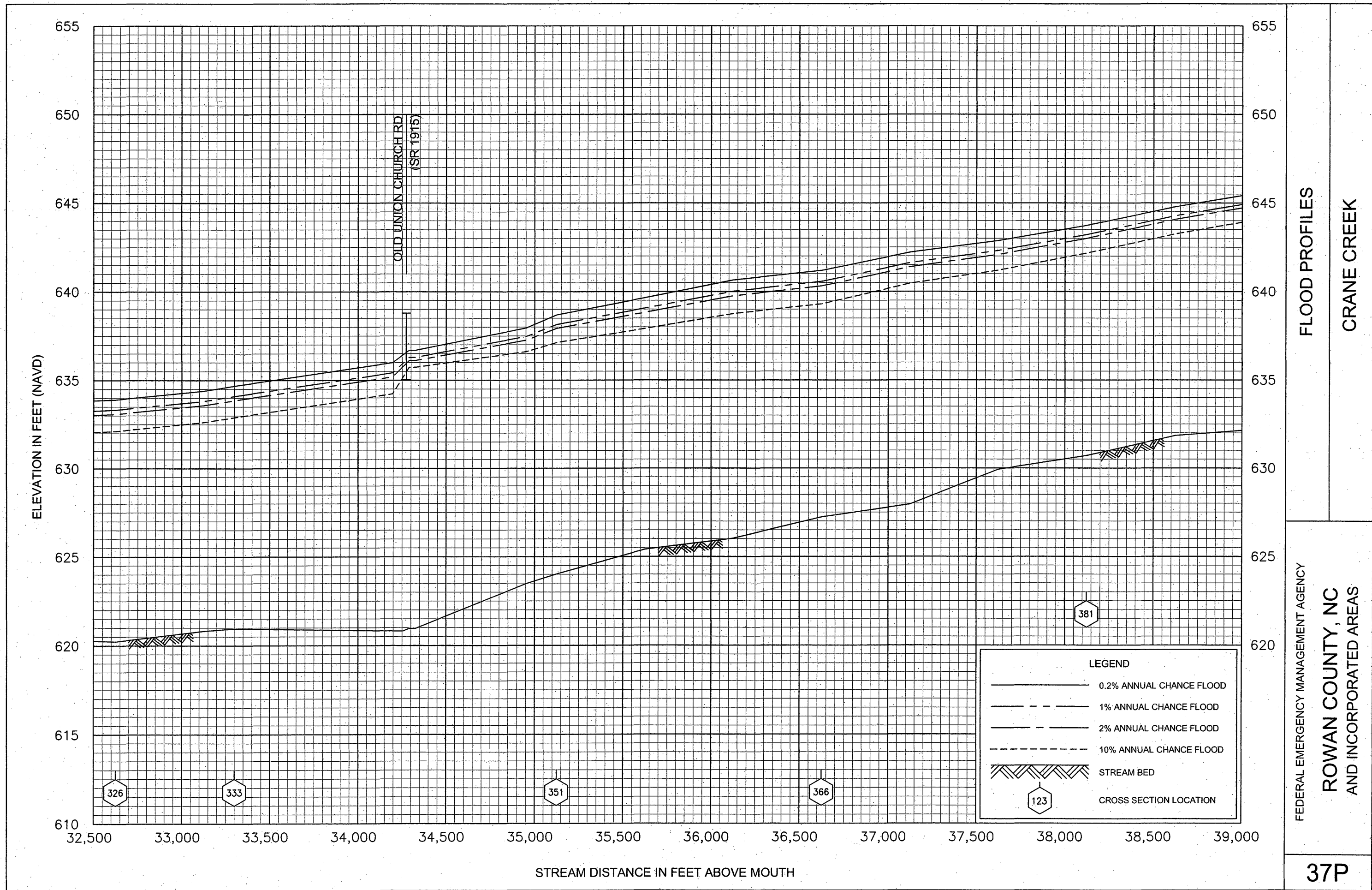




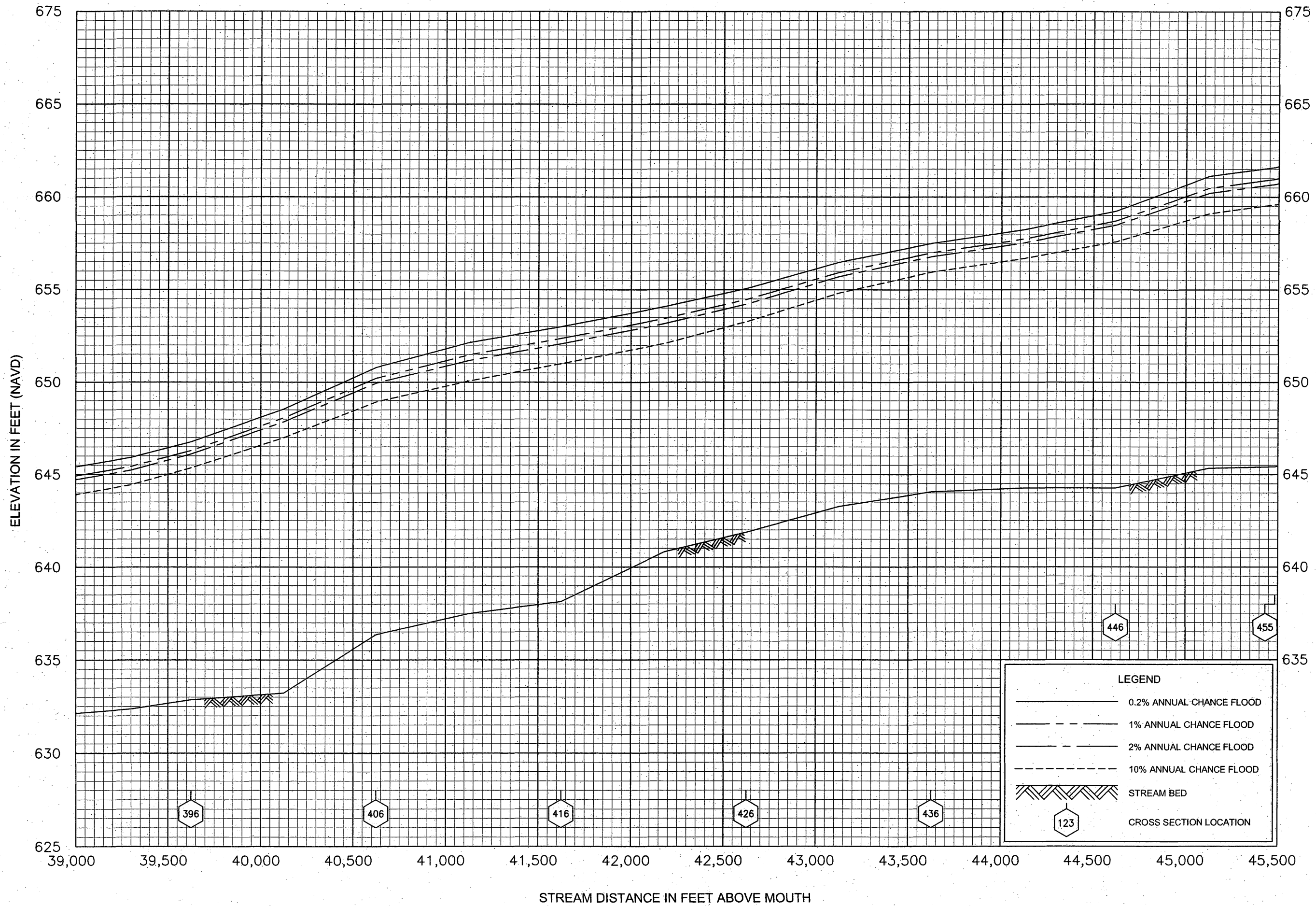










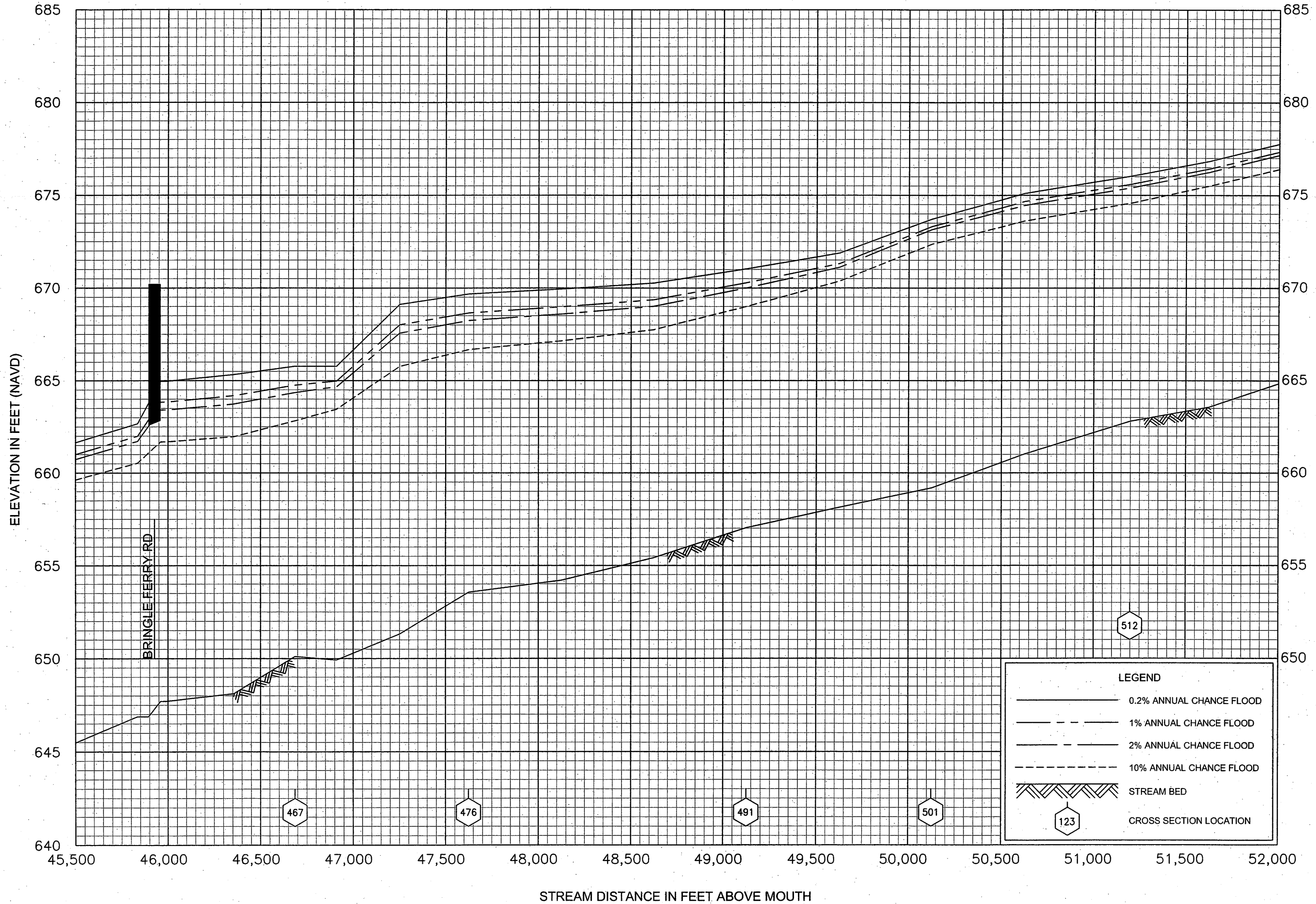


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AND INCORPORATED AREAS

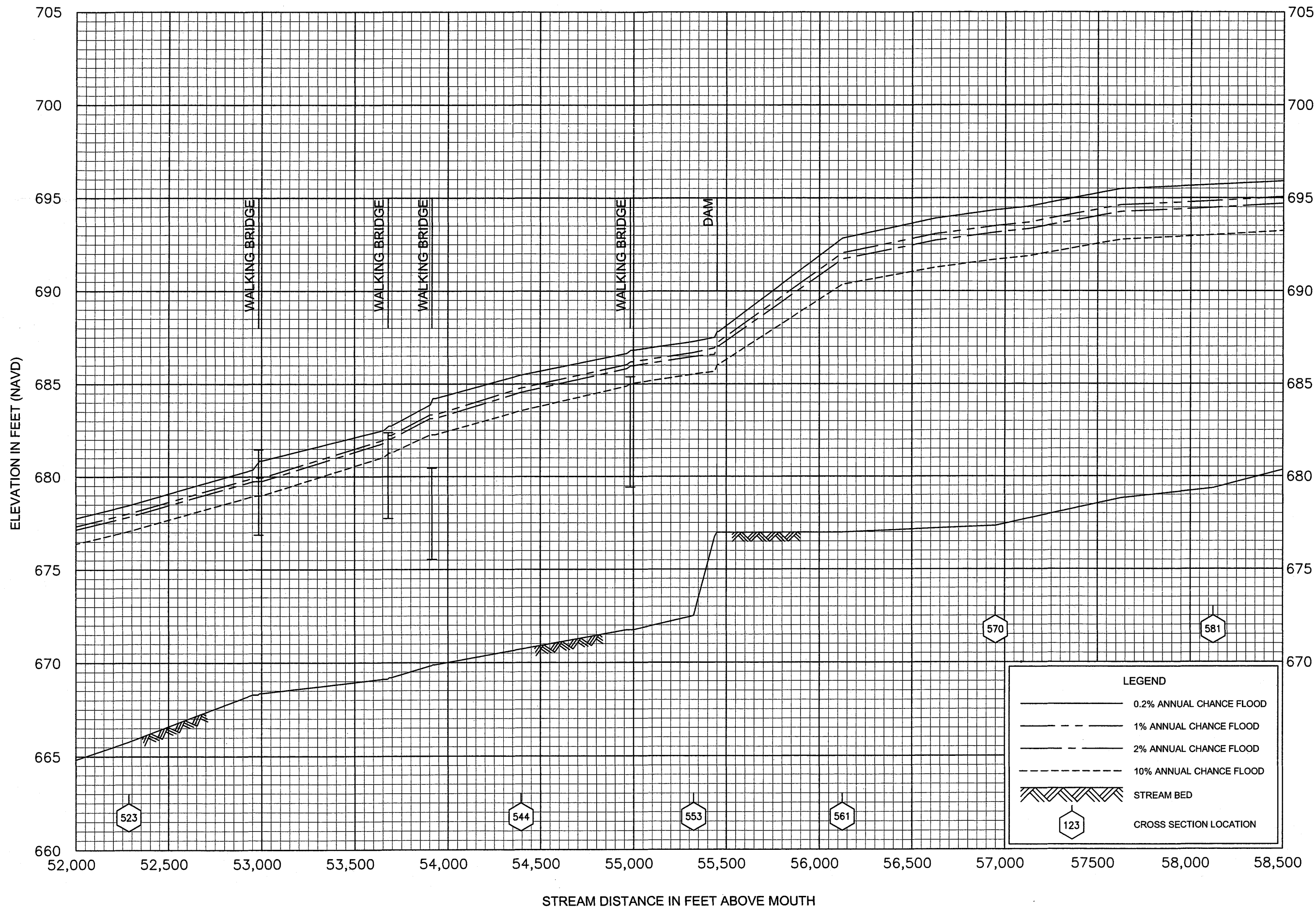


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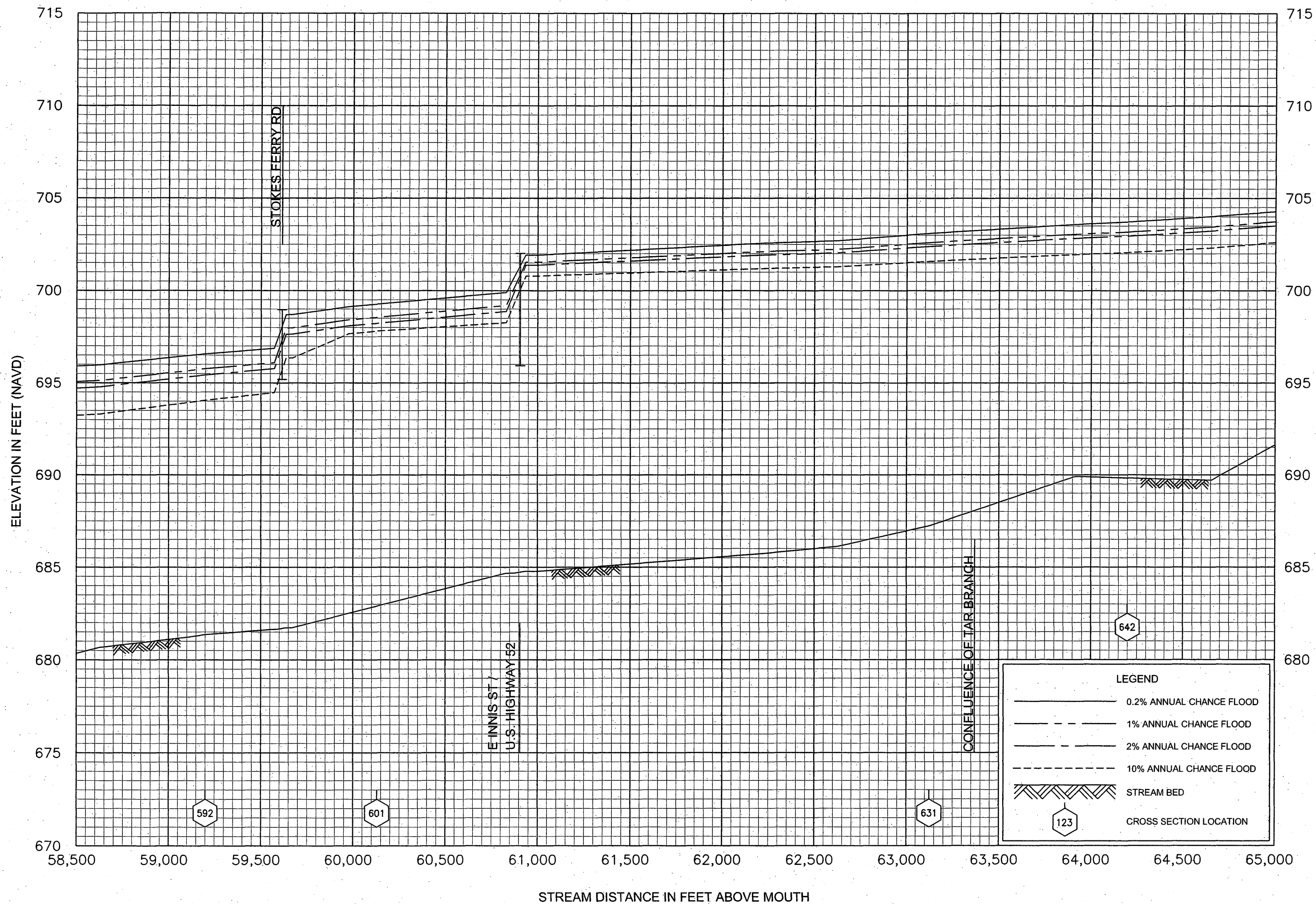


FLOOD PROFILES

CRANE CREEK

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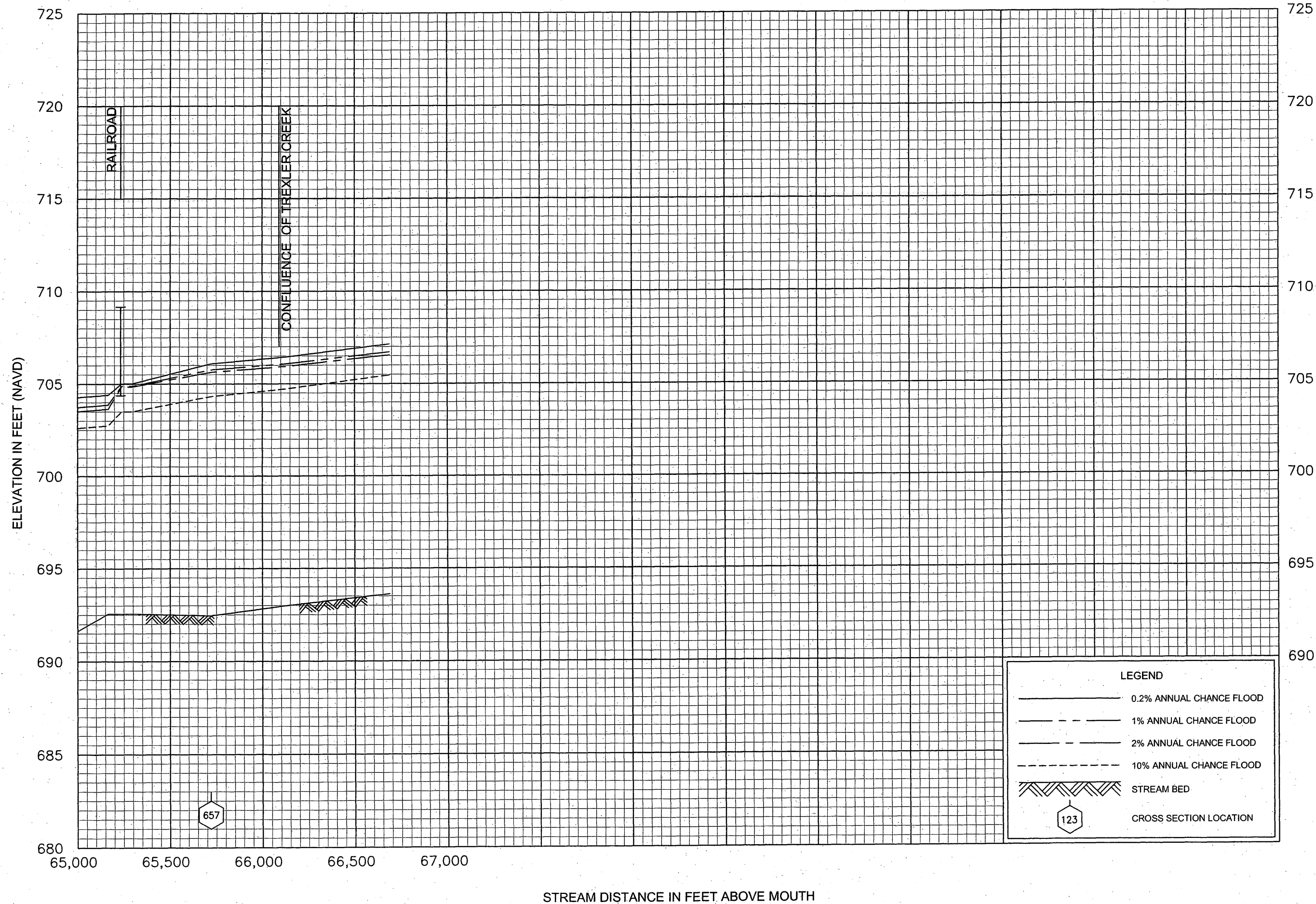
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AND INCORPORATED AREAS

41P





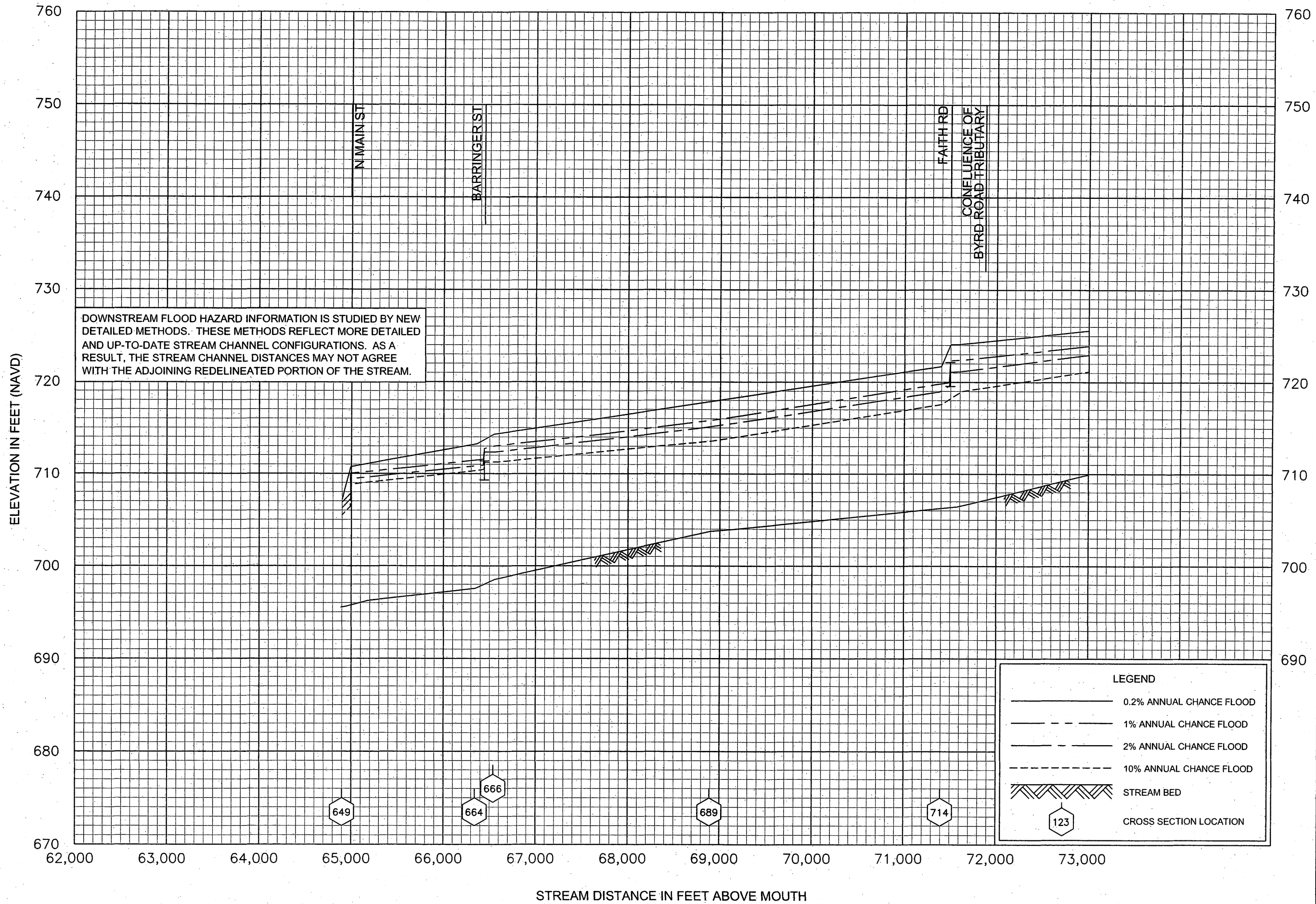
FLOOD PROFILES

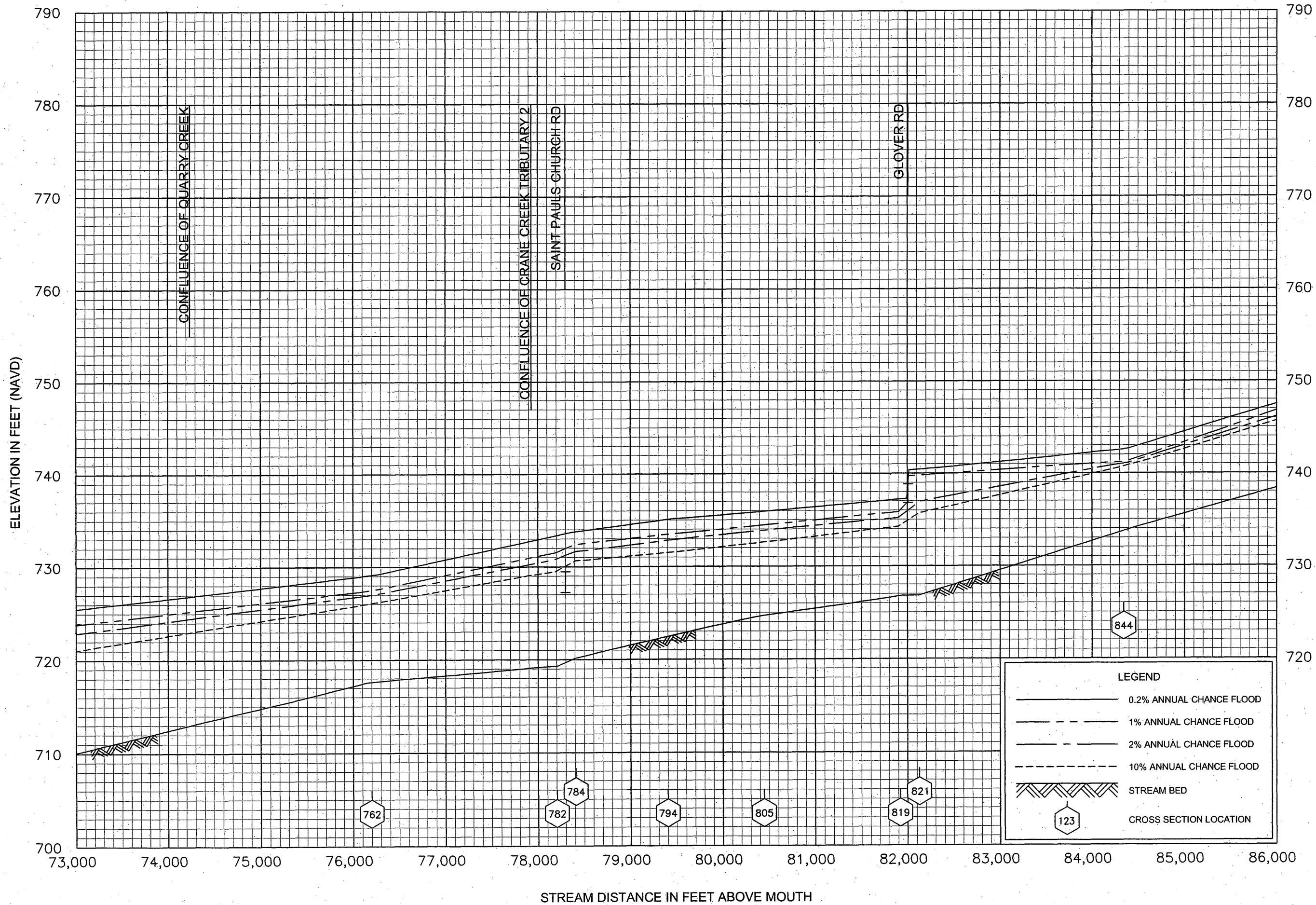
CRANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS





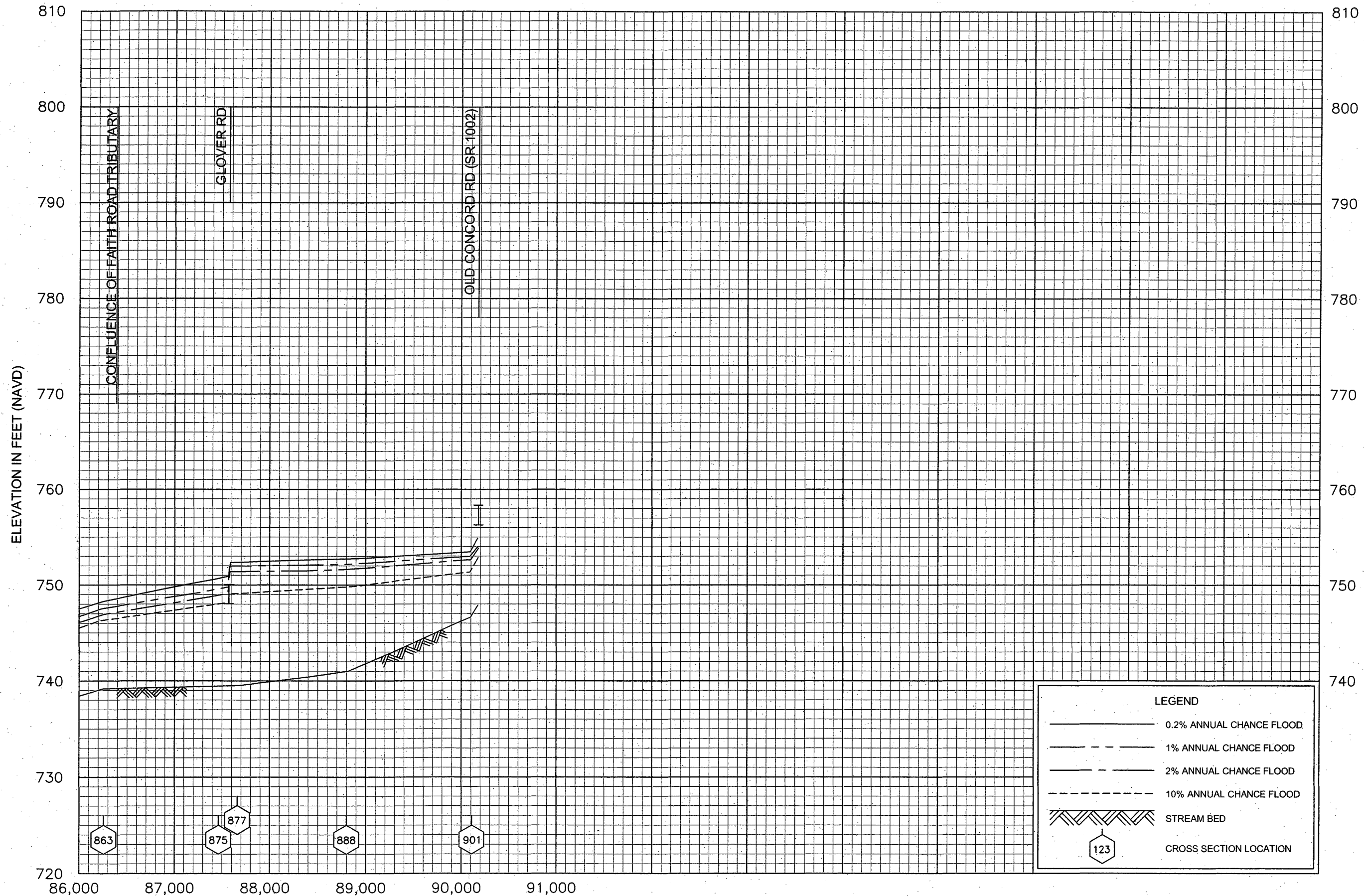


FLOOD PROFILES

CRANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



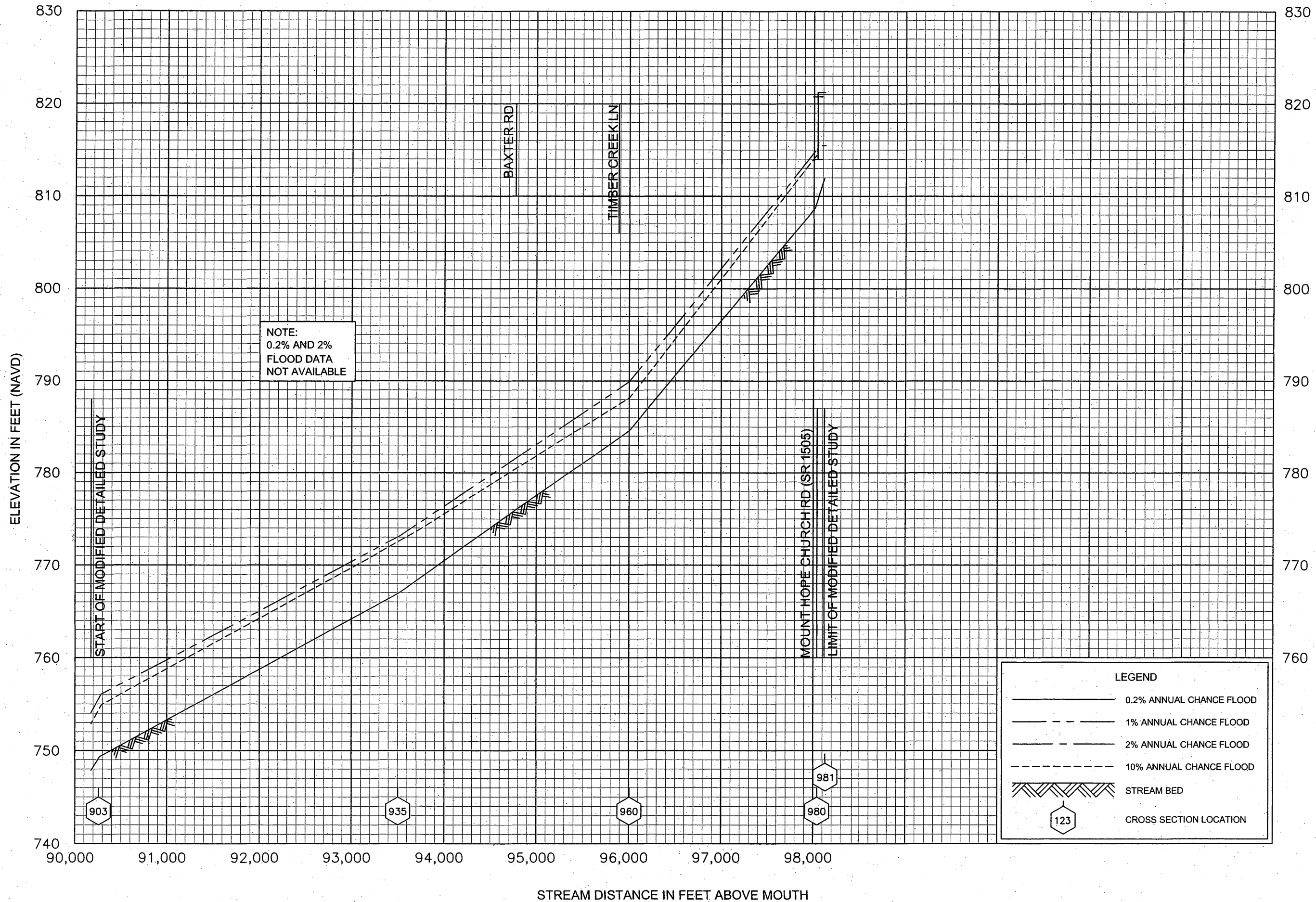
STREAM DISTANCE IN FEET ABOVE MOUTH

FLOOD PROFILES

CRANE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



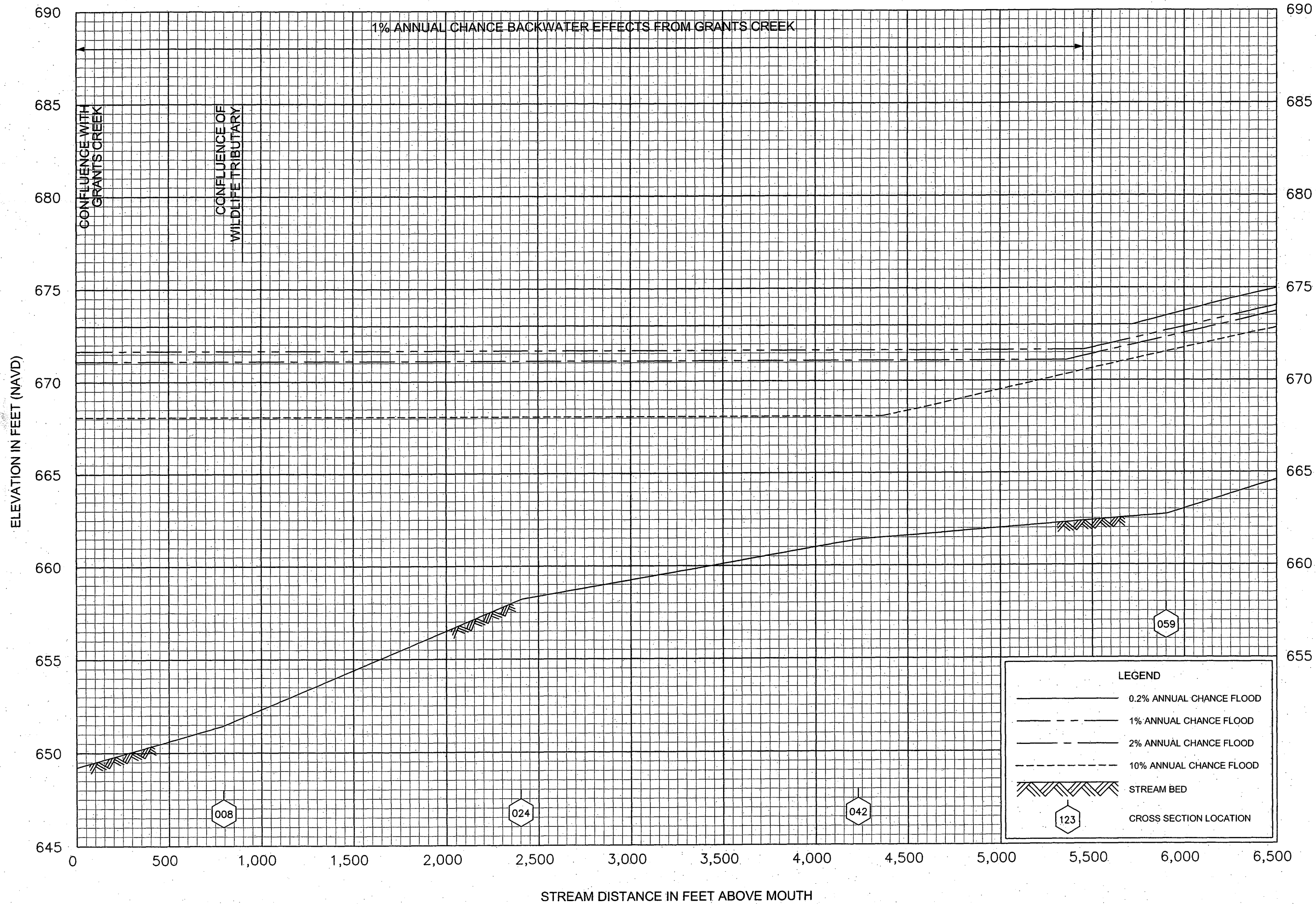
**FLOOD PROFILES**

**CRANE CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROWAN COUNTY, NC  
AND INCORPORATED AREAS**





FLOOD PROFILES

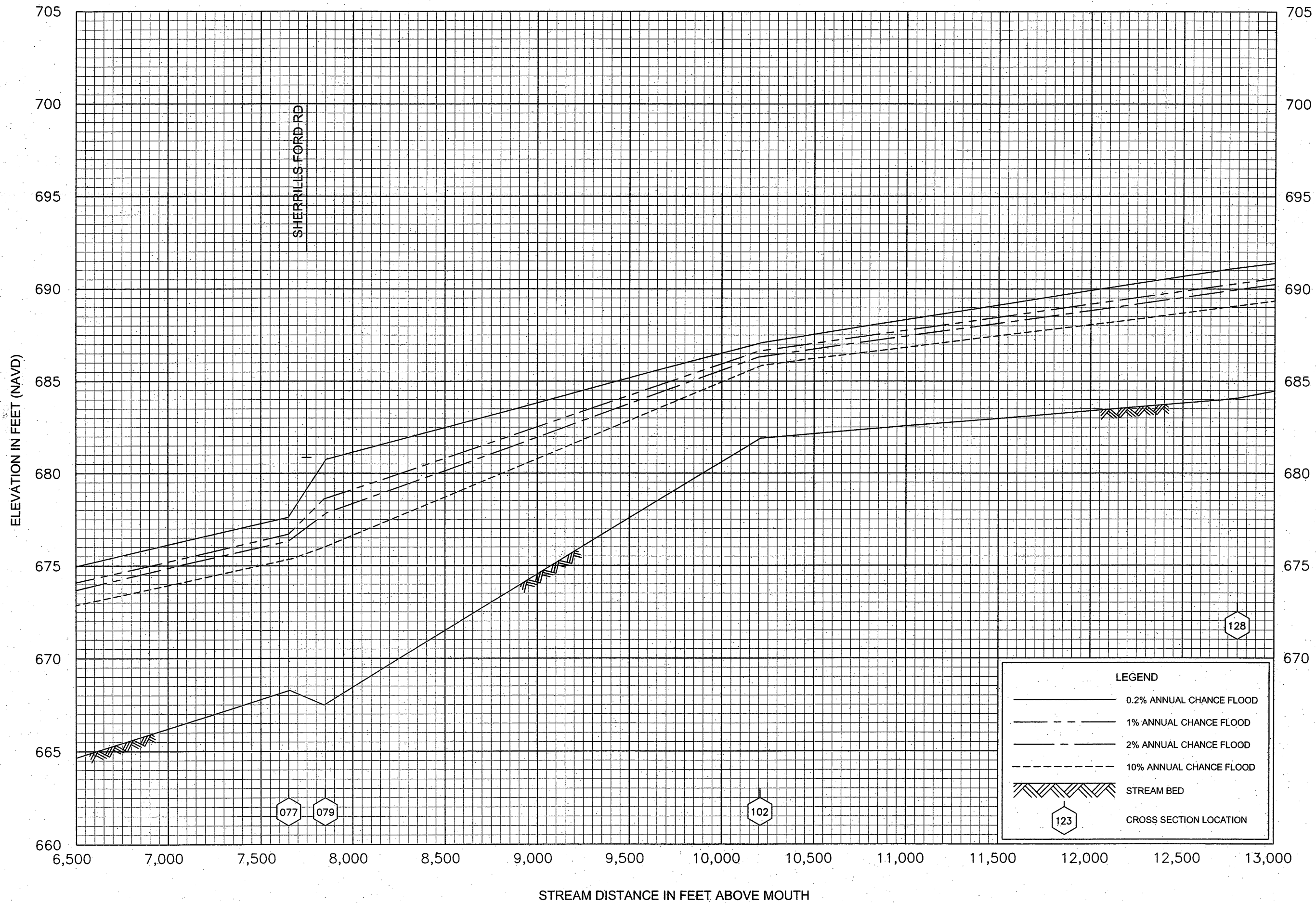
DRAFT BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

47P



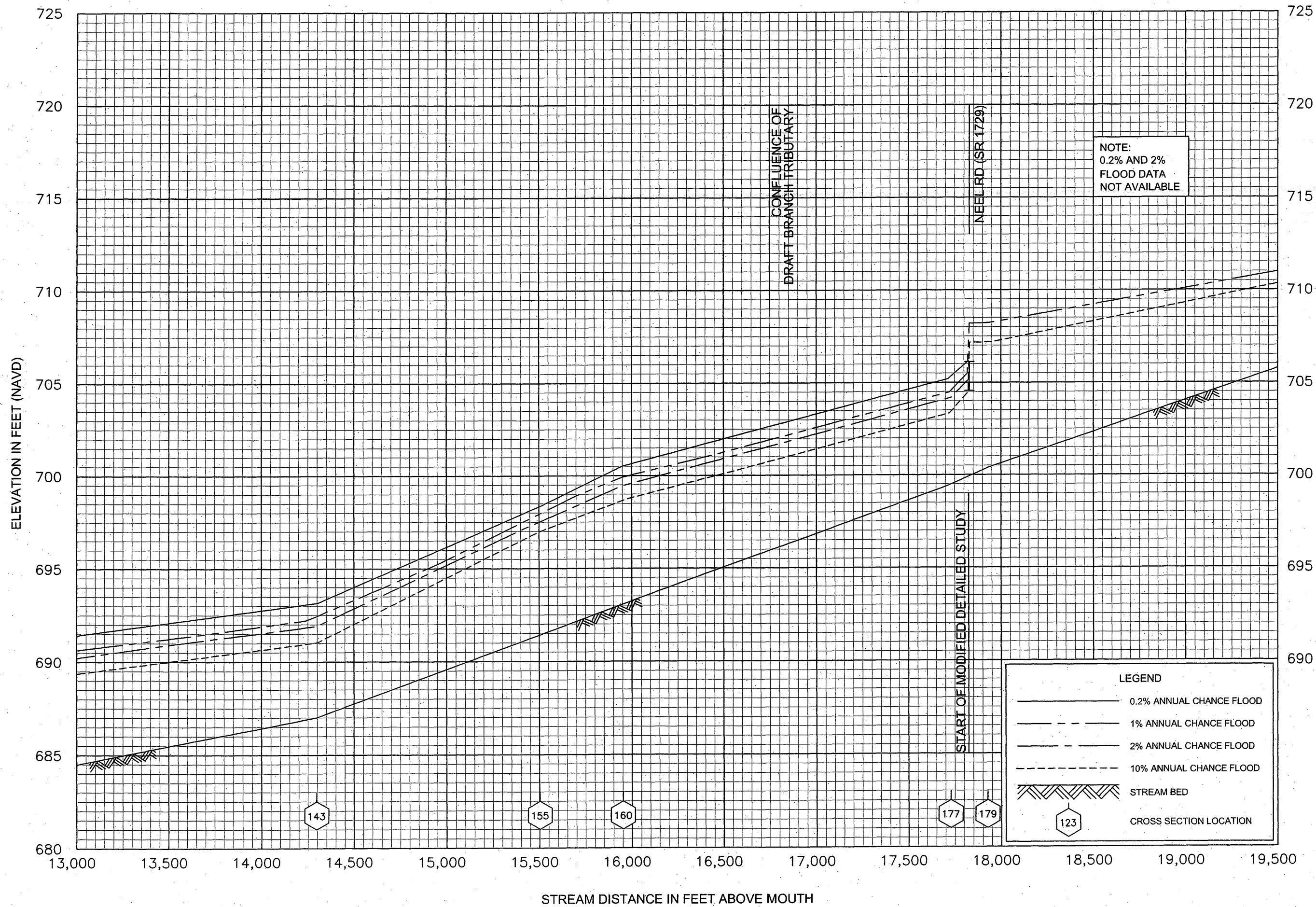


FLOOD PROFILES

DRAFT BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



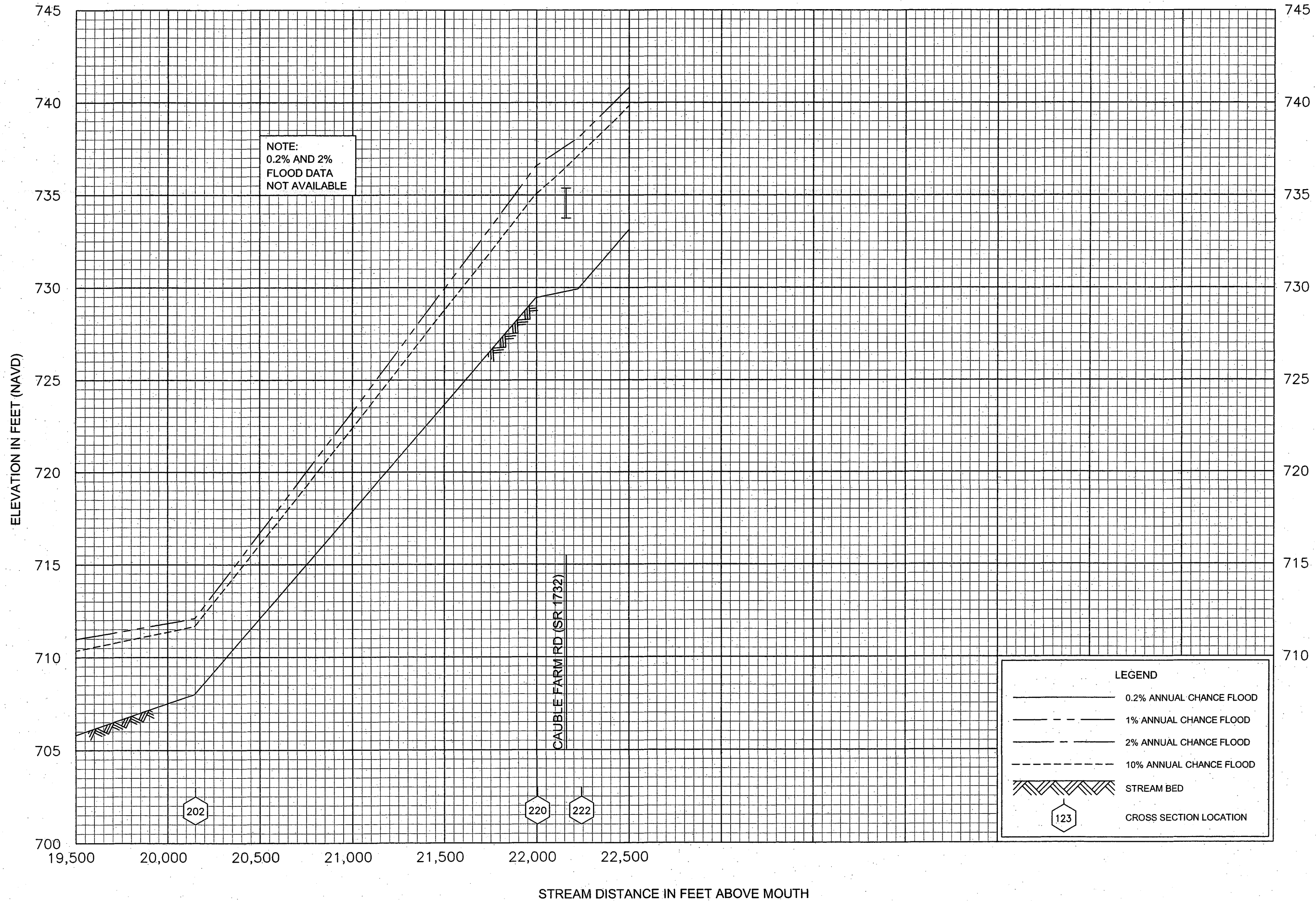
FLOOD PROFILES

DRAFT BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

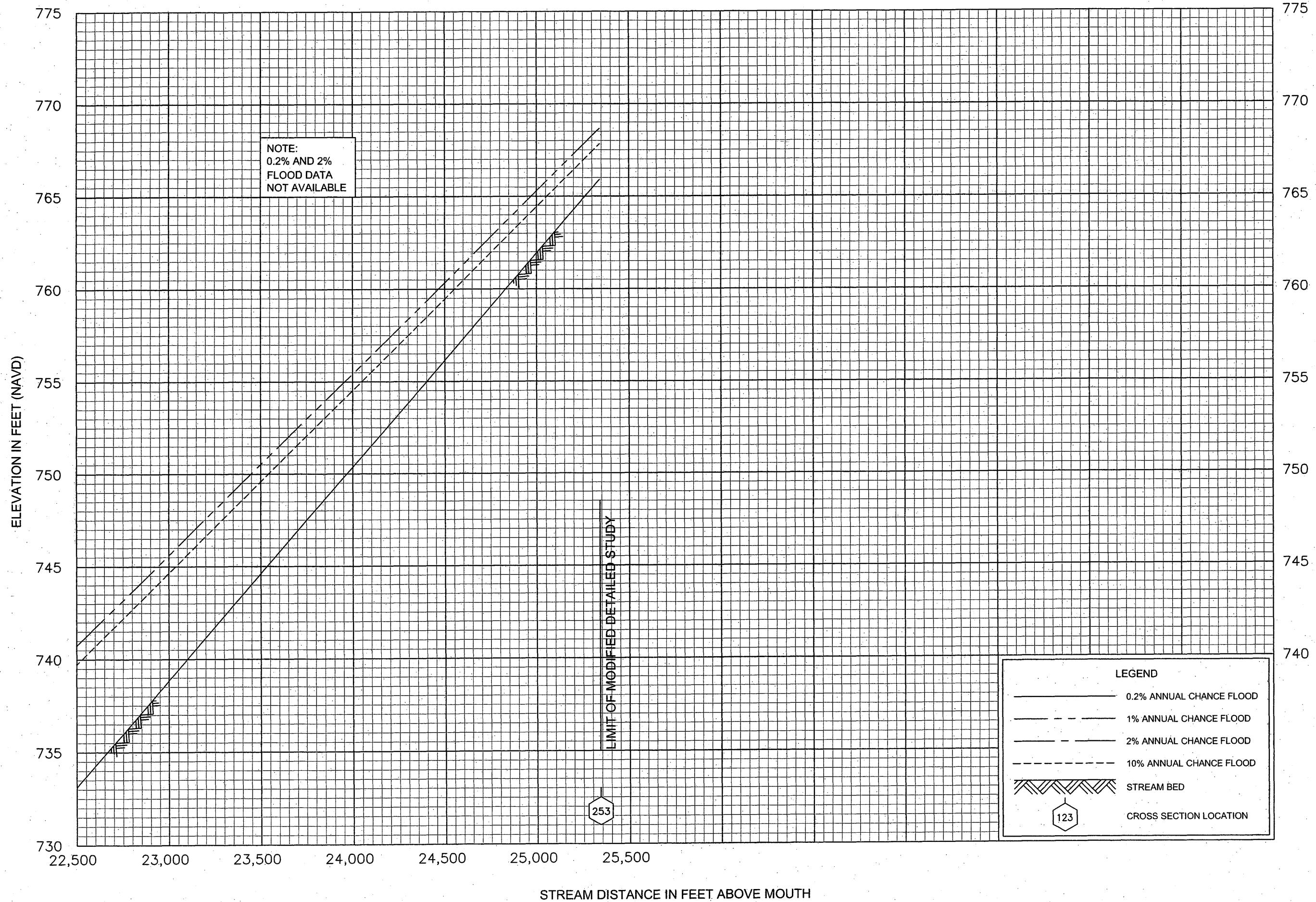
ROWAN COUNTY, NC  
AND INCORPORATED AREAS

49P



FLOOD PROFILES  
DRAFT BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS



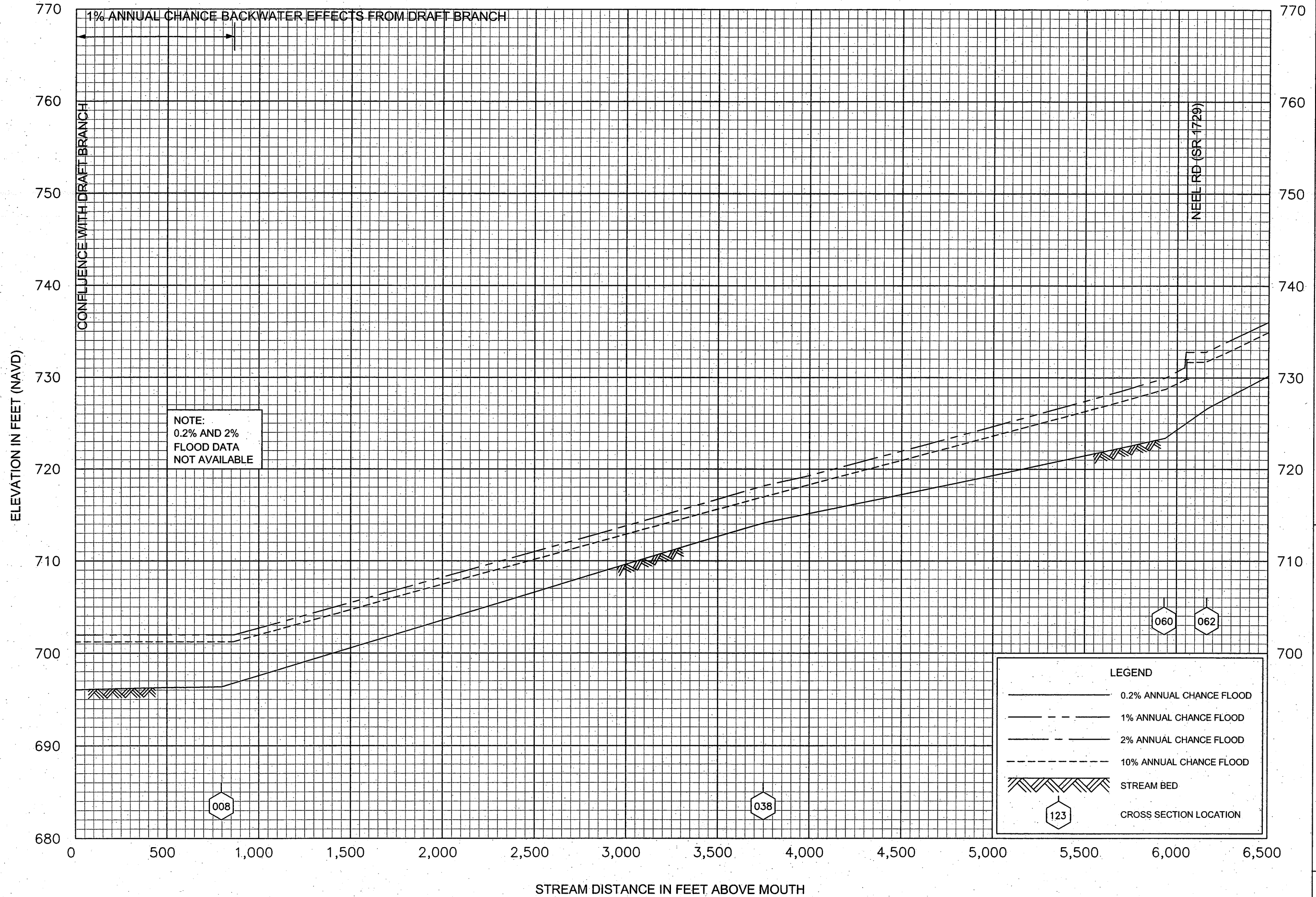
FLOOD PROFILES

DRAFT BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS





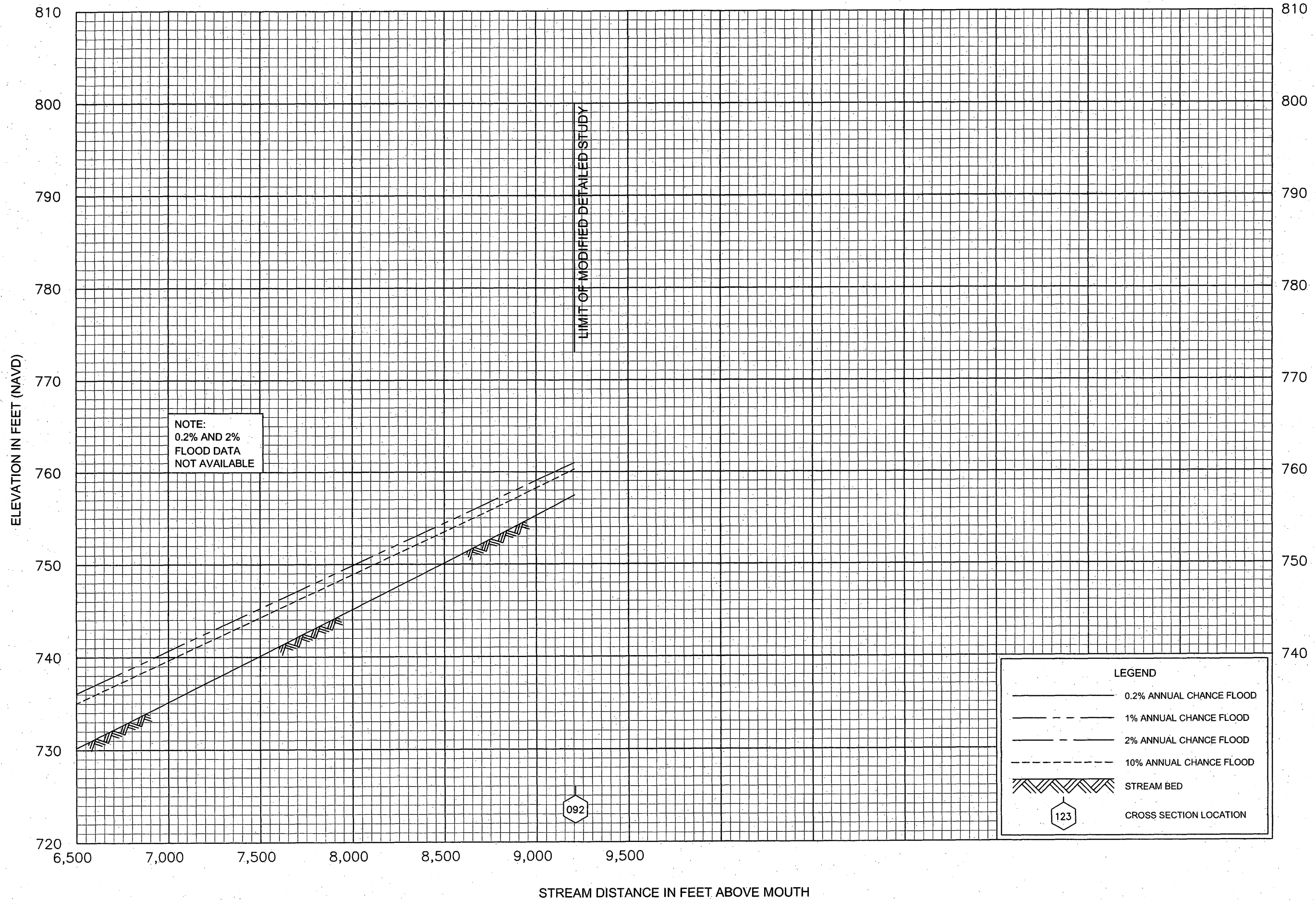
FLOOD PROFILES

DRAFT BRANCH TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

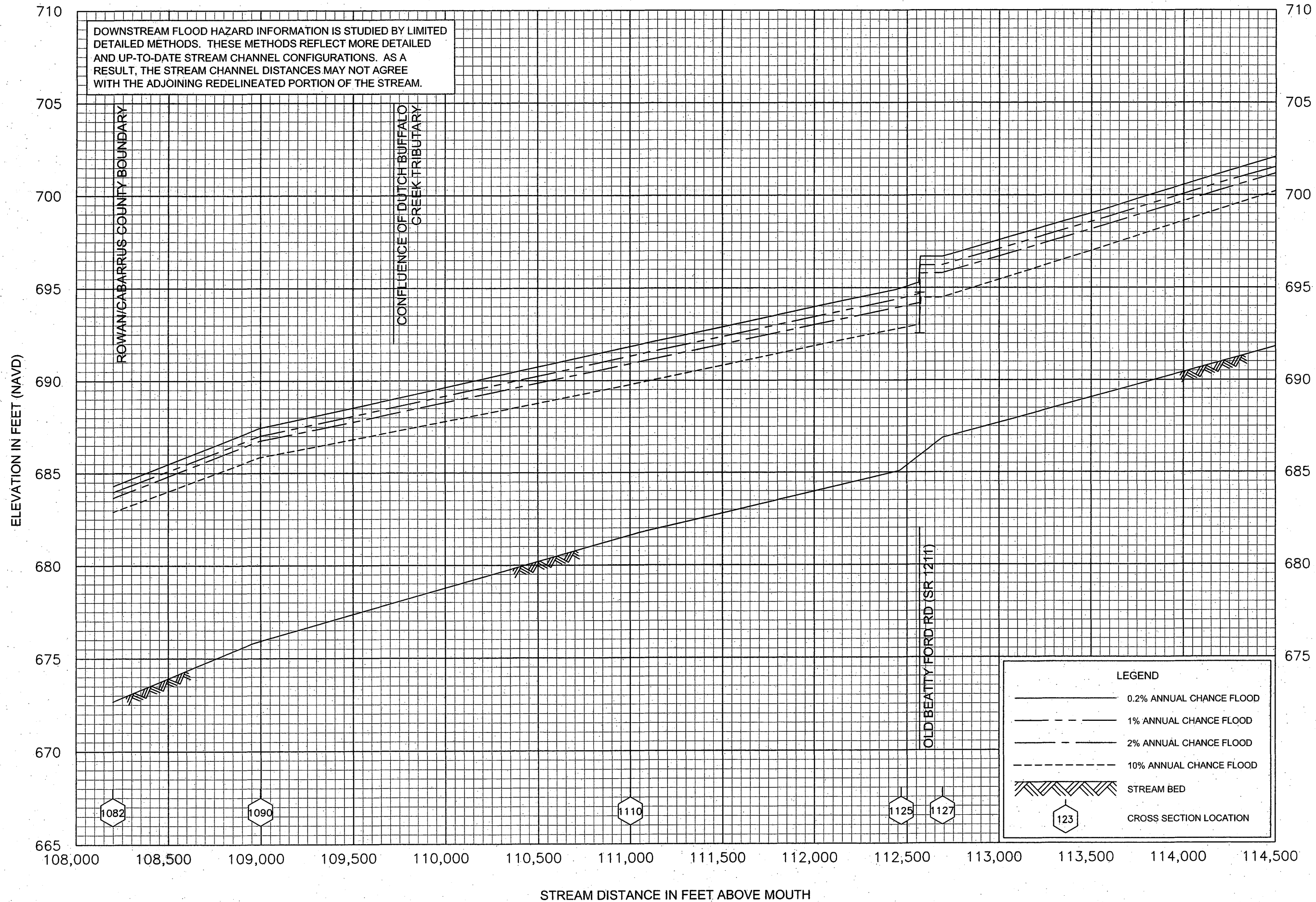
ROWAN COUNTY, NC  
AND INCORPORATED AREAS





FLOOD PROFILES  
DRAFT BRANCH TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS

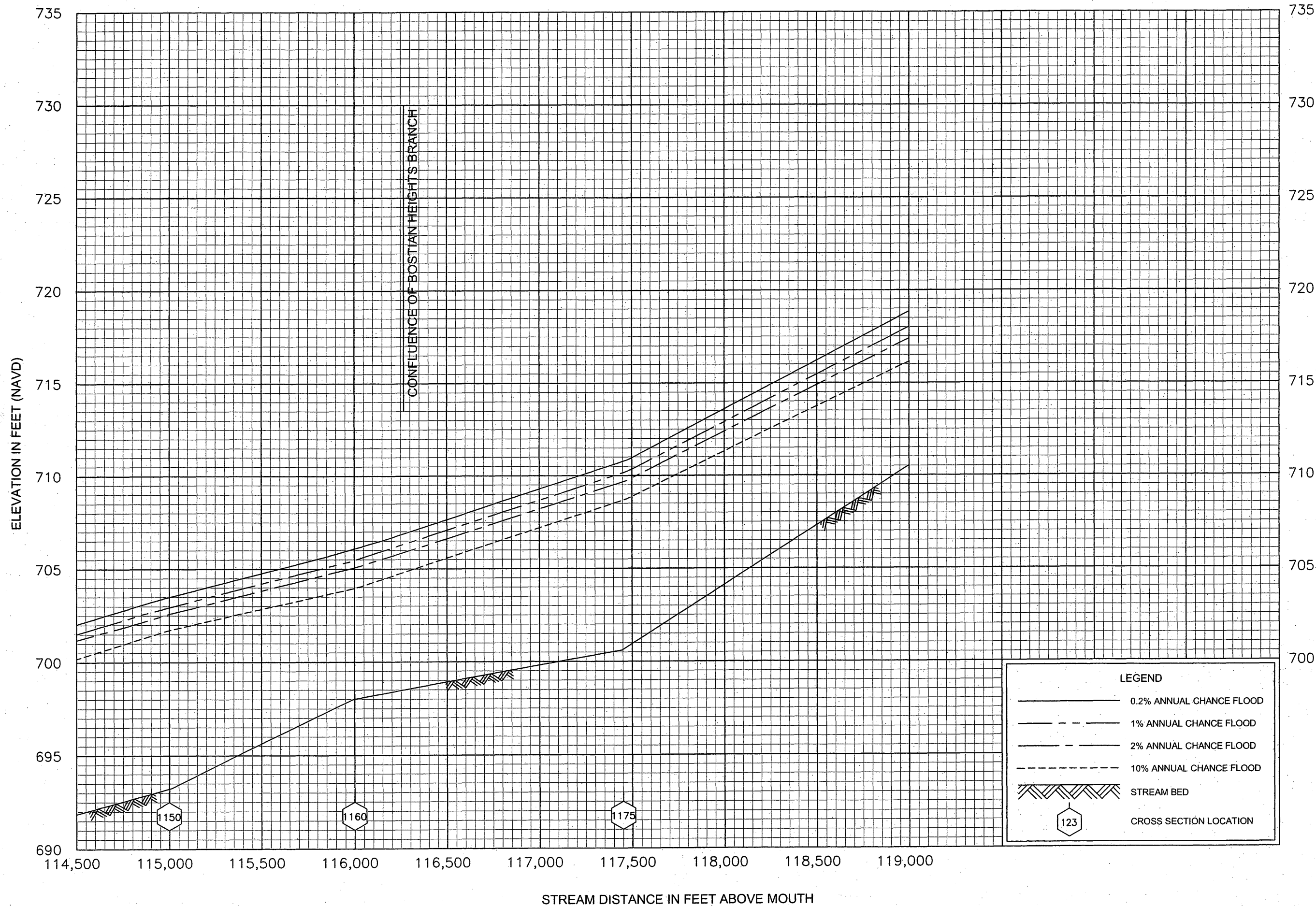


# FLOOD PROFILES

DUTCH BUFFALO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



FEDERAL EMERGENCY MANAGEMENT AGENCY

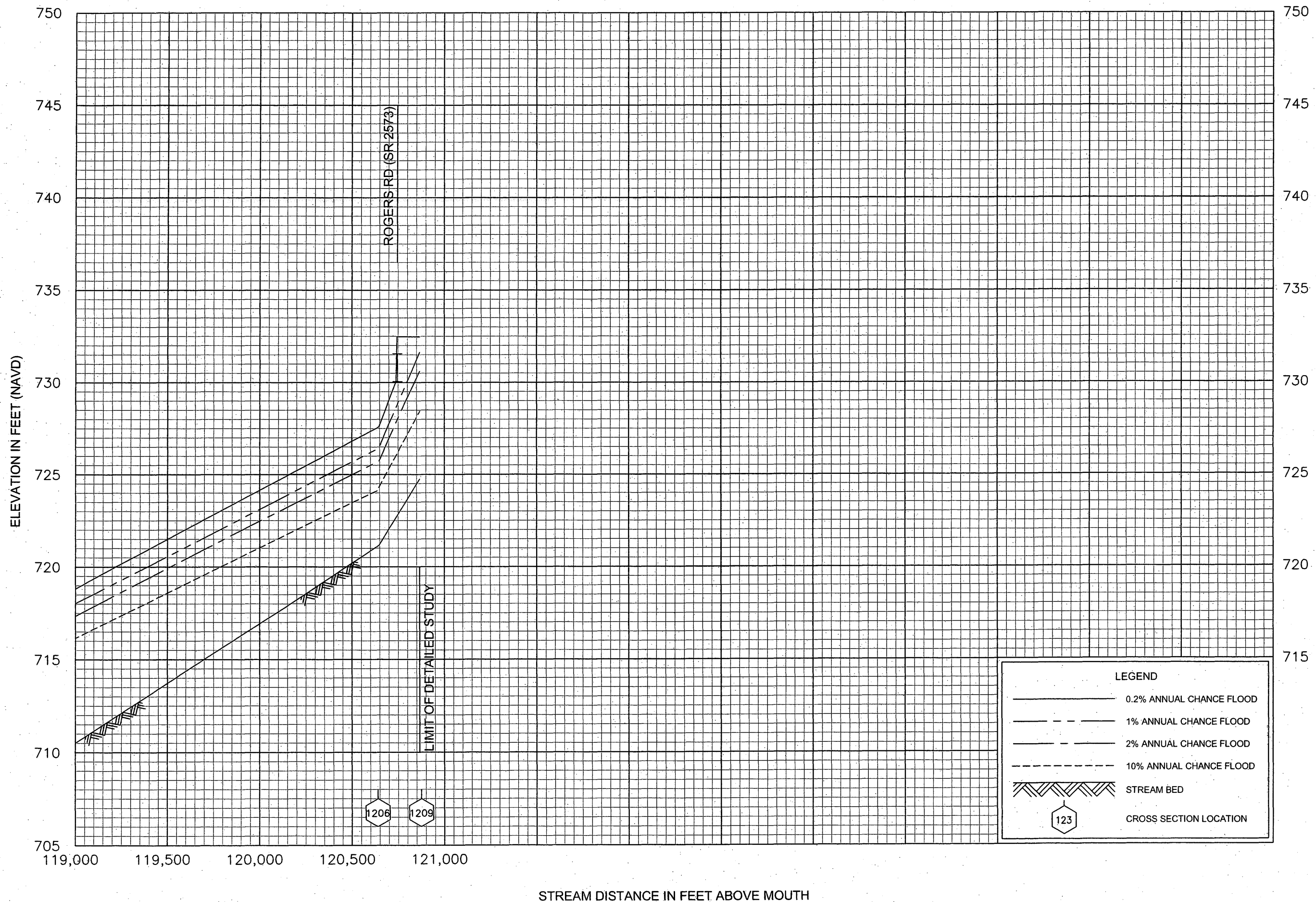
ROWAN COUNTY, NC  
AND INCORPORATED AREAS

FLOOD PROFILES

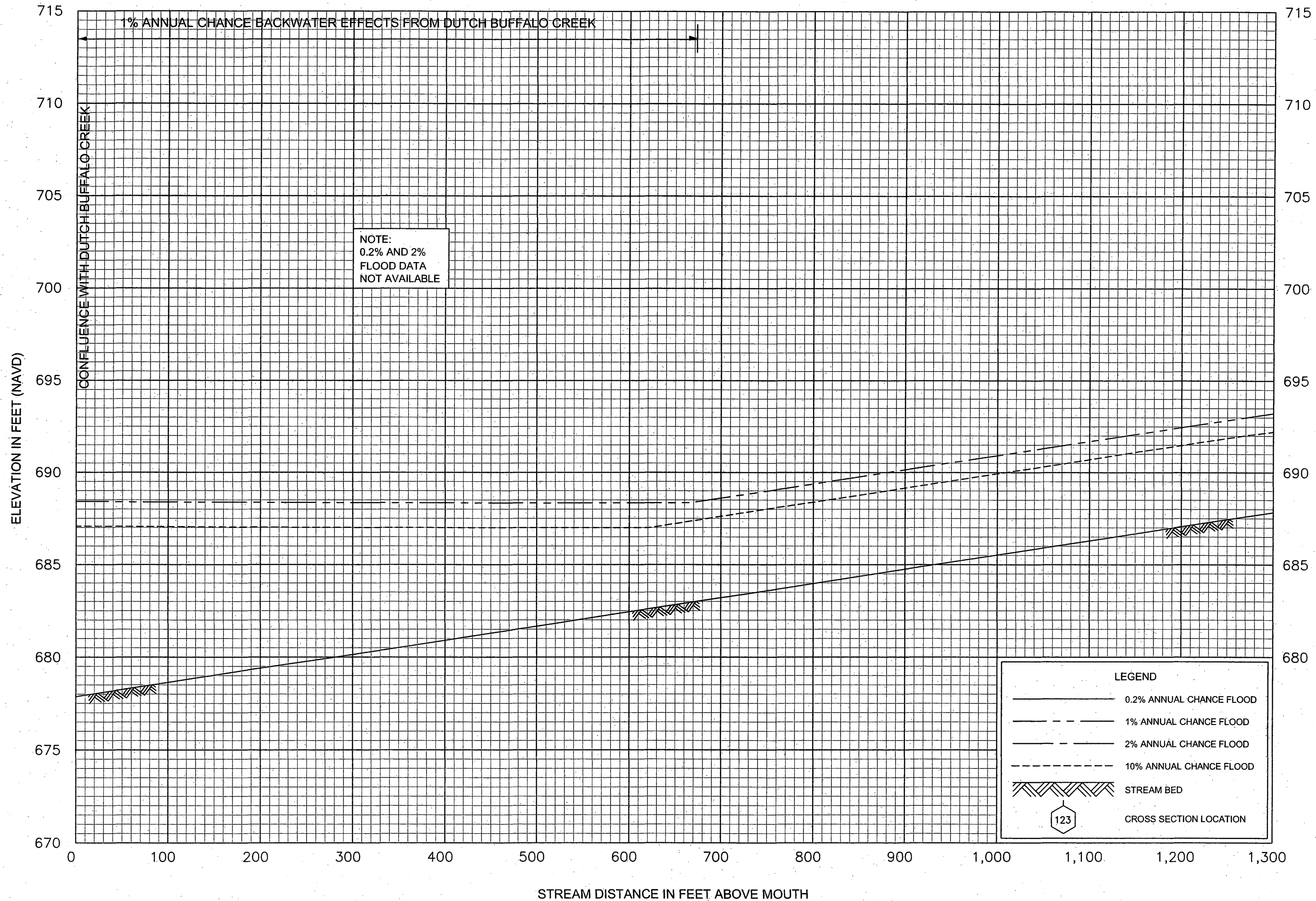
DUTCH BUFFALO CREEK

55P









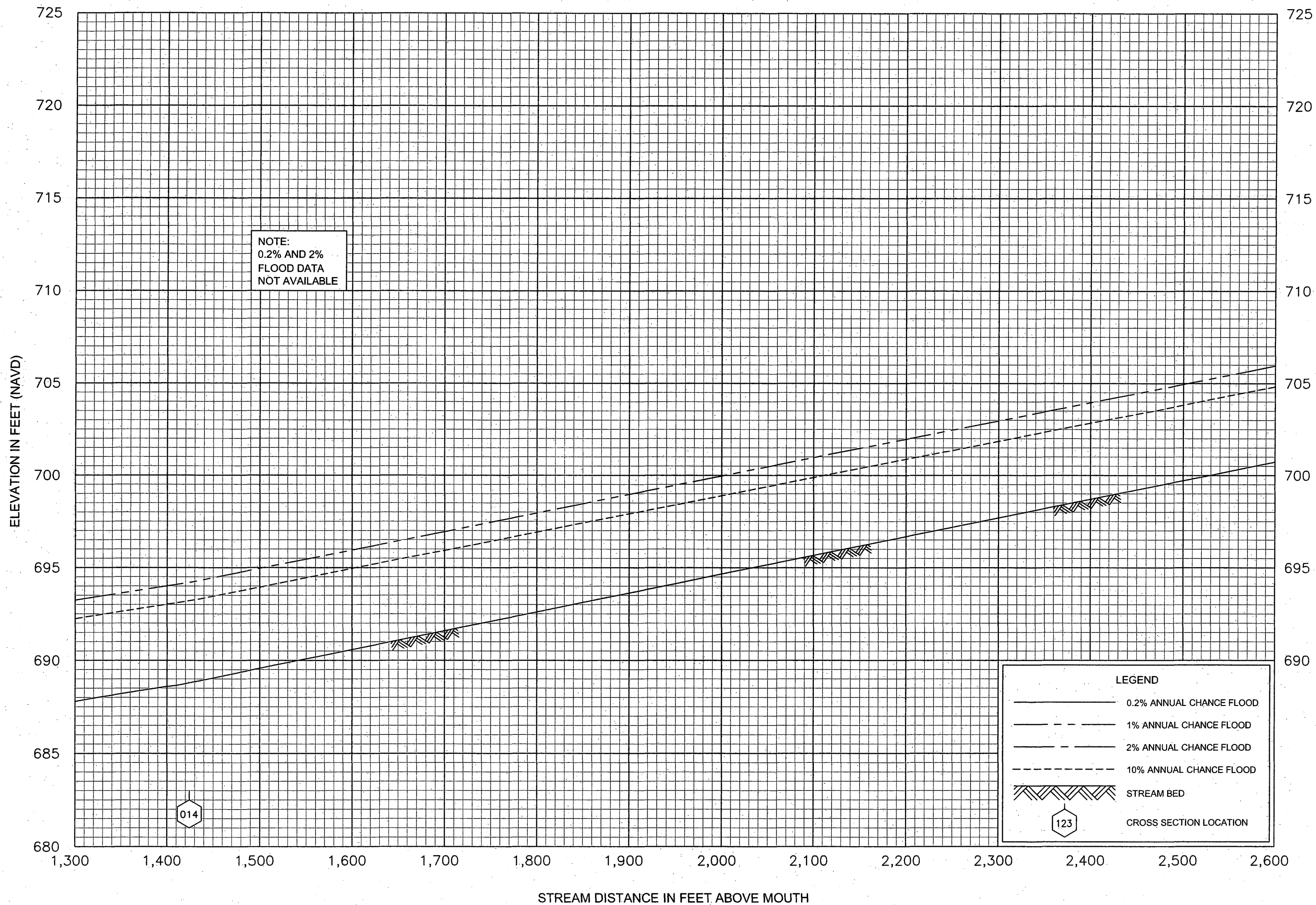
FLOOD PROFILES

DUTCH BUFFALO CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

57P



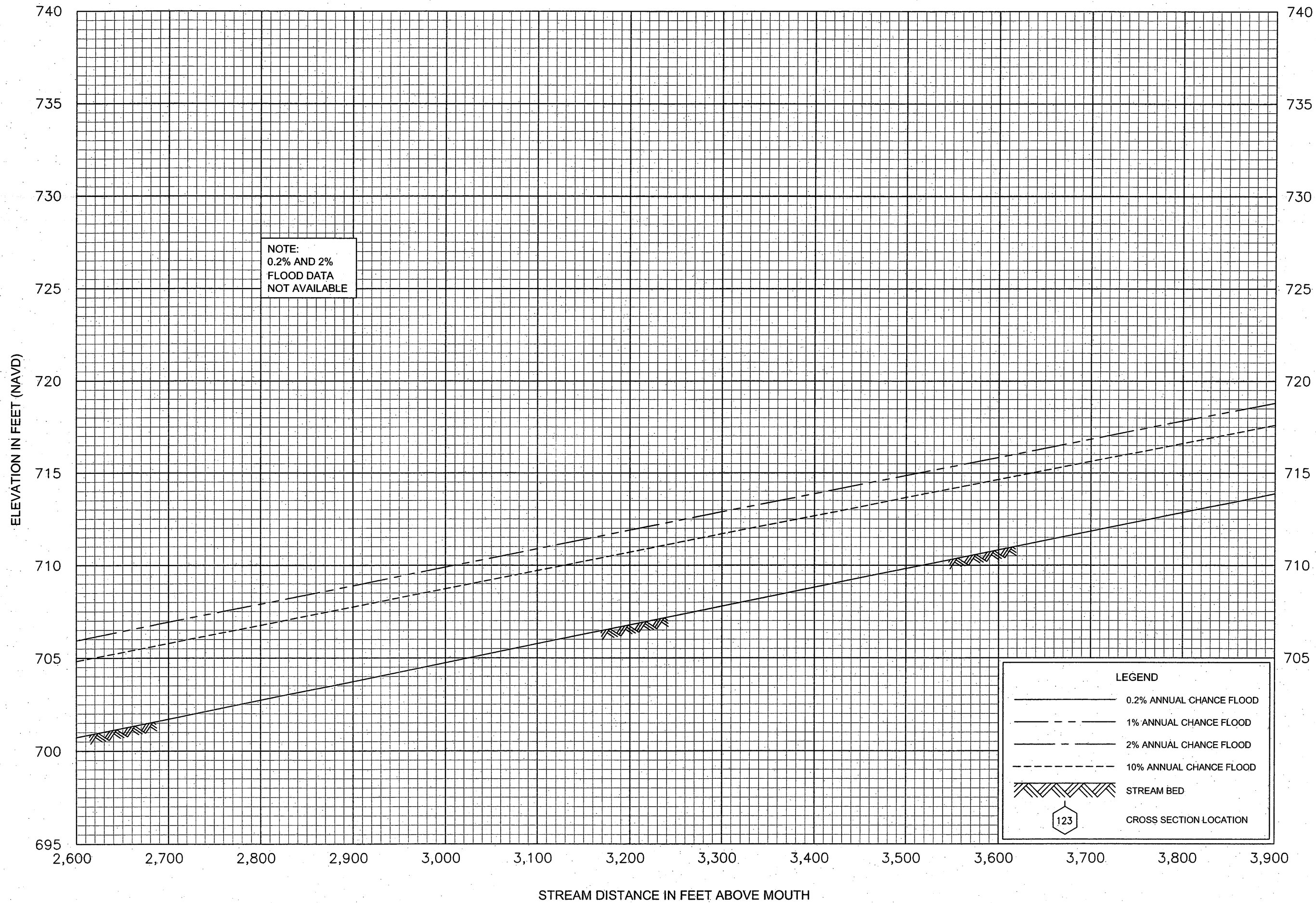
FLOOD PROFILES

DUTCH BUFFALO CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC

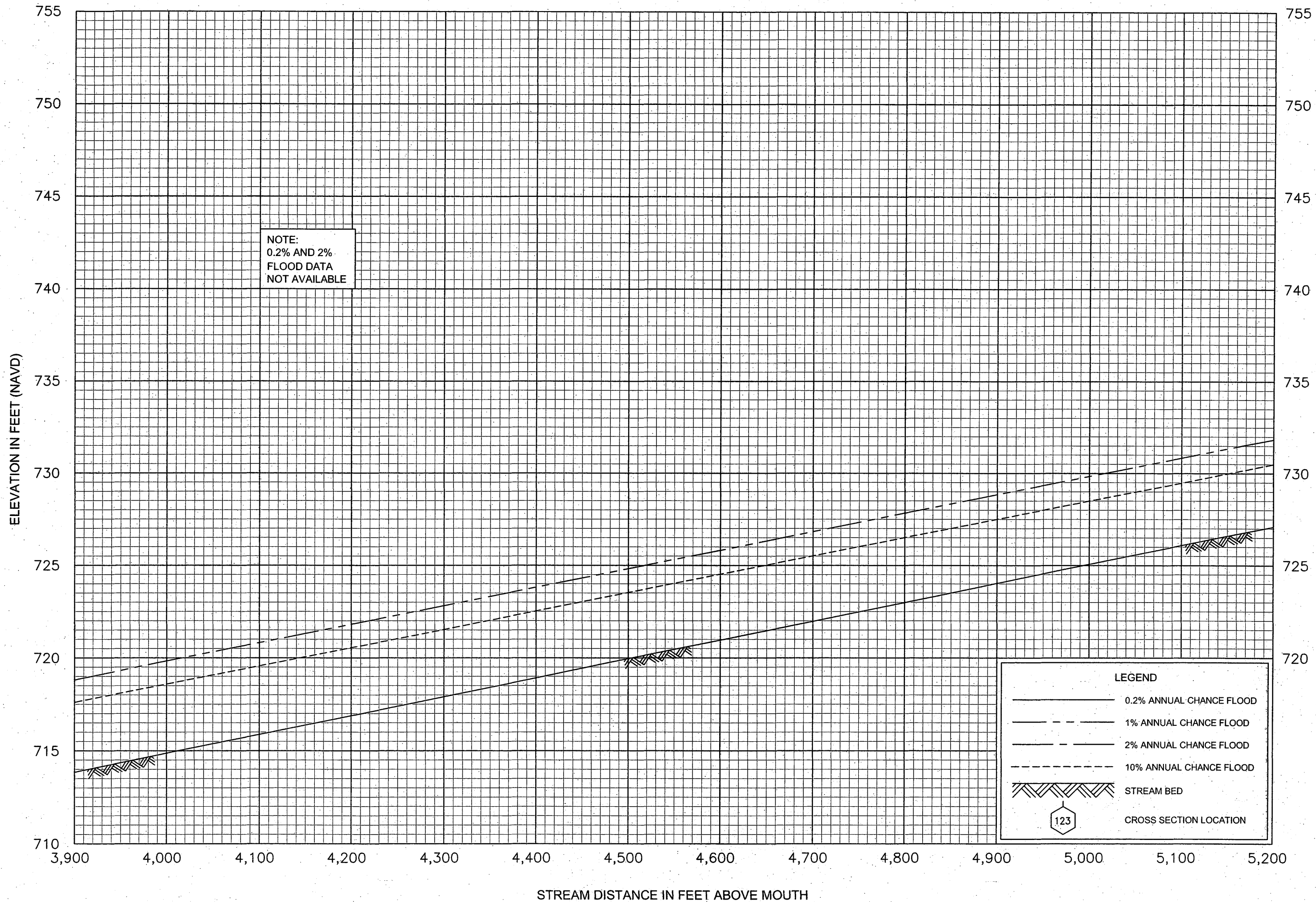
AND INCORPORATED AREAS



NOTE:  
0.2% AND 2%  
FLOOD DATA  
NOT AVAILABLE

**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION



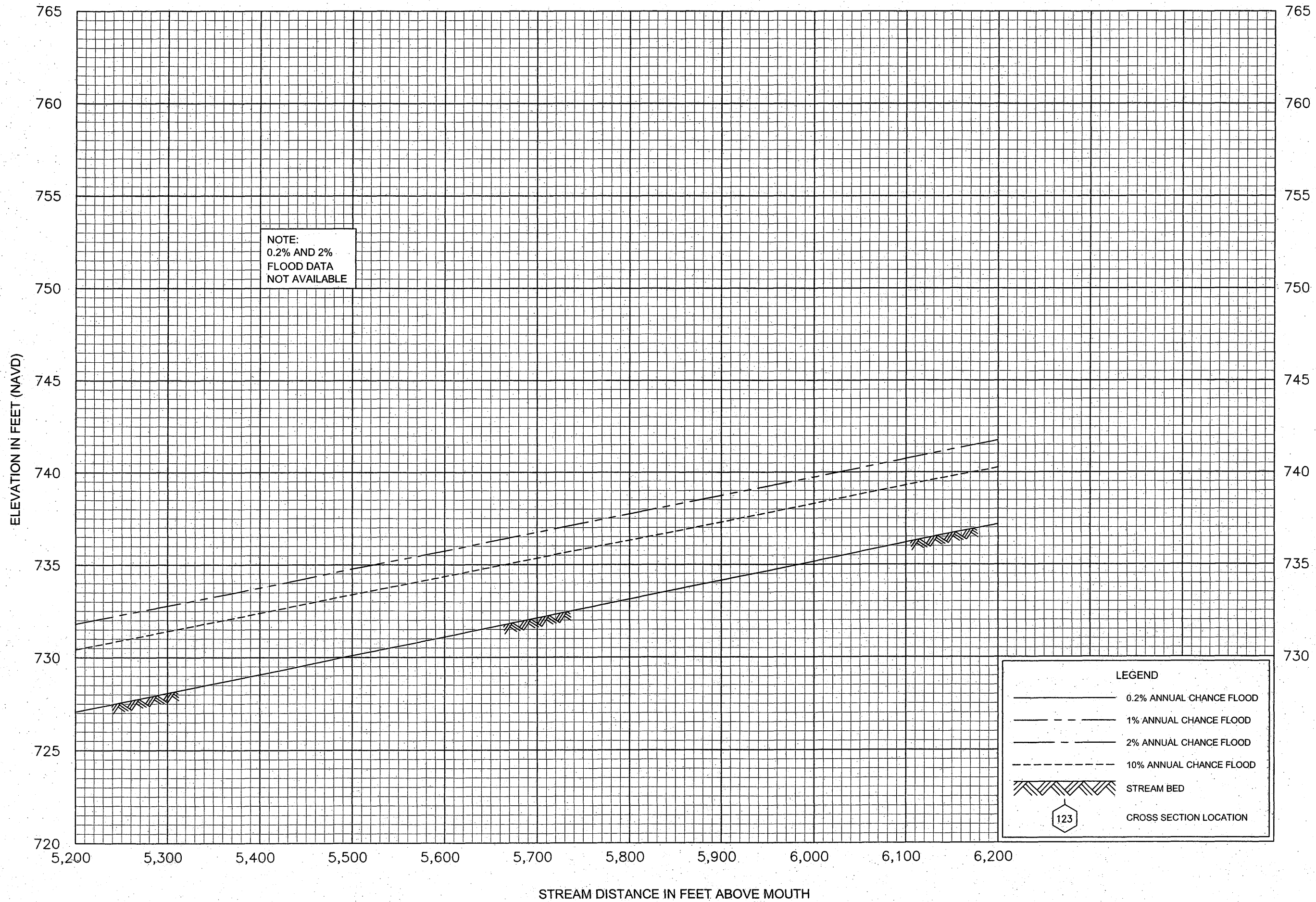
FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

FLOOD PROFILES

DUTCH BUFFALO CREEK TRIBUTARY

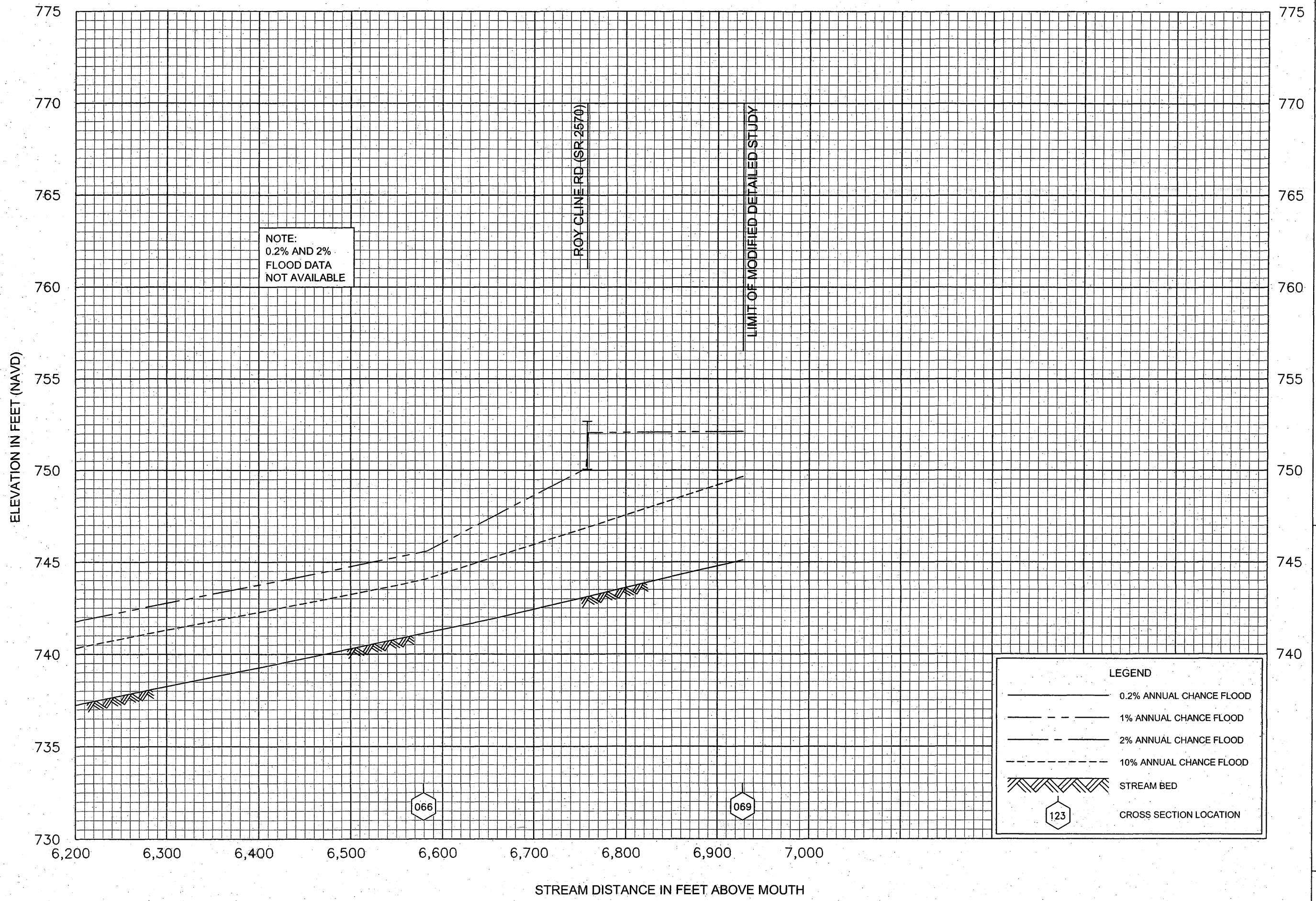


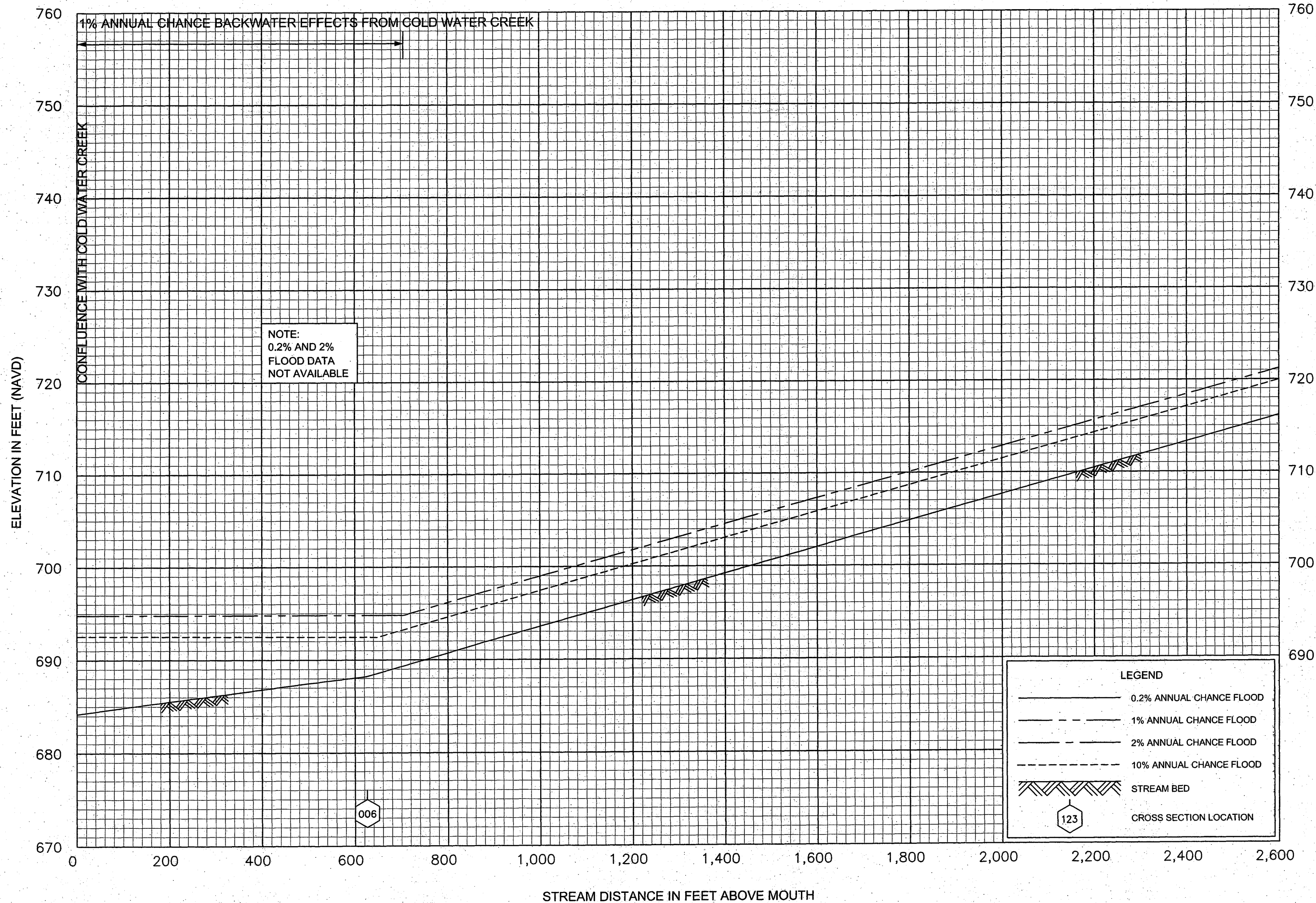


NOTE:  
0.2% AND 2%  
FLOOD DATA  
NOT AVAILABLE

**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION





FEDERAL EMERGENCY MANAGEMENT AGENCY

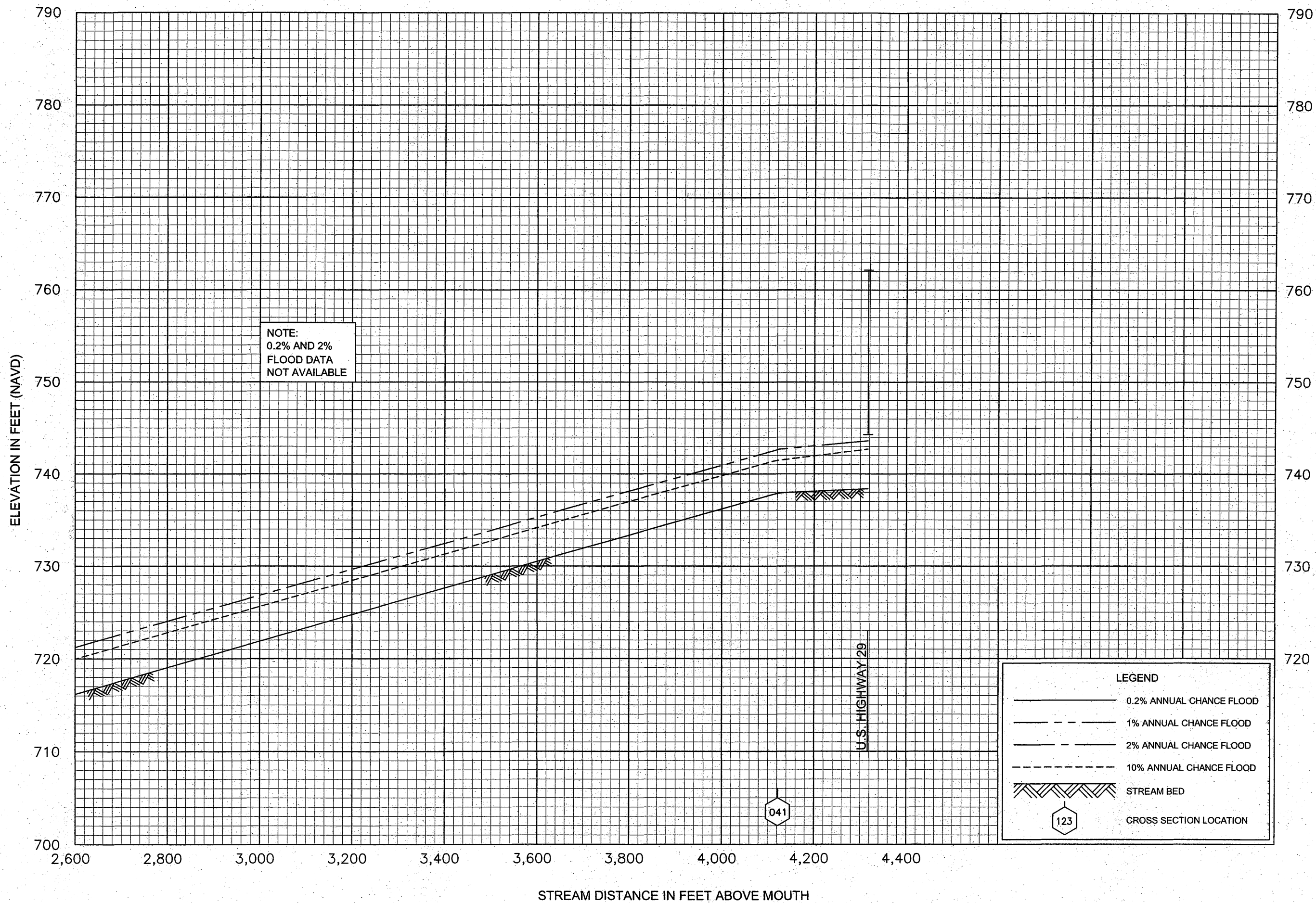
ROWAN COUNTY, NC  
AND INCORPORATED AREAS

FLOOD PROFILES

EAST CENTERVIEW BRANCH

63P





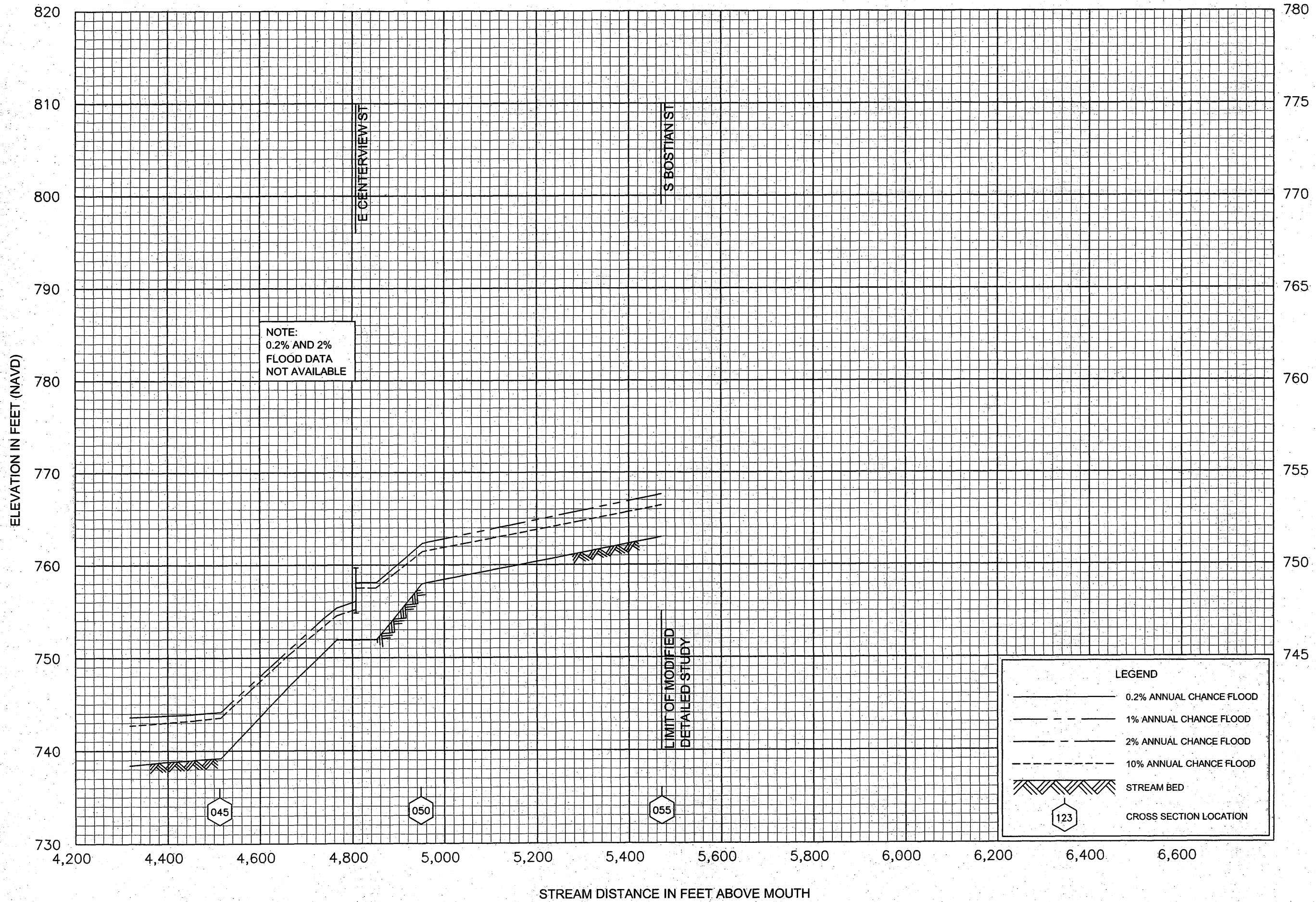
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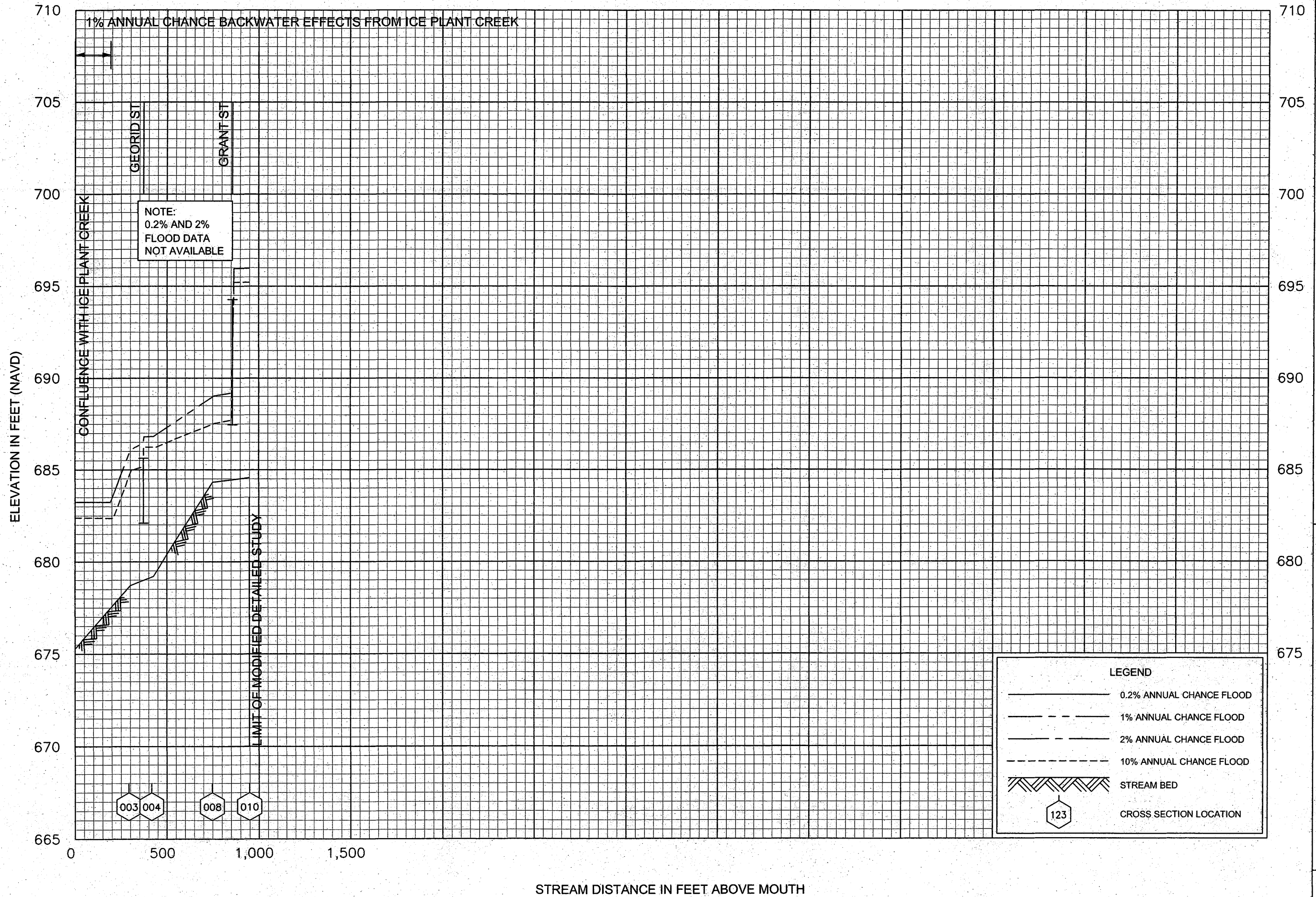
ROWAN COUNTY, NC  
AND INCORPORATED AREAS

FLOOD PROFILES

EAST CENTERVIEW BRANCH







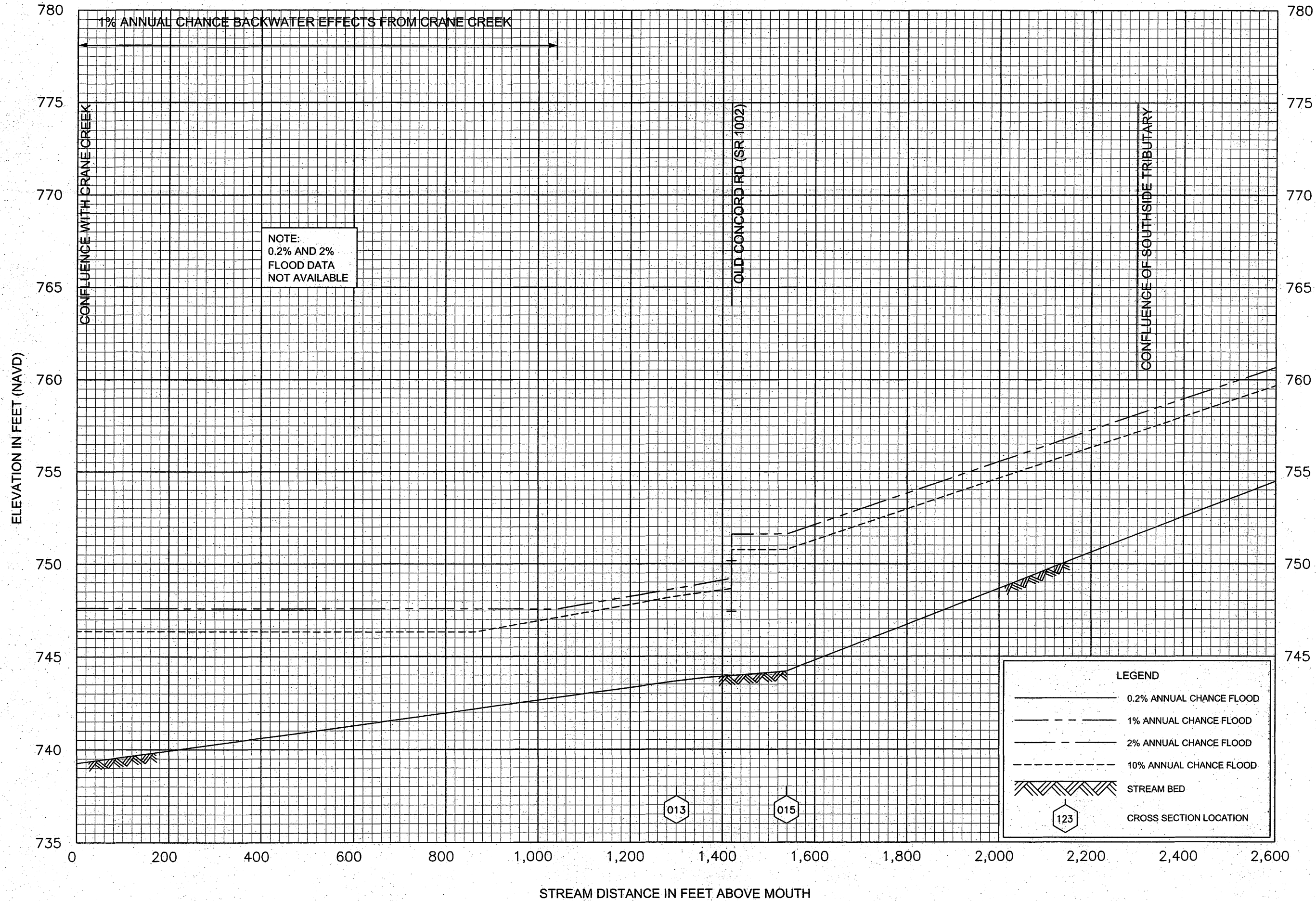
FLOOD PROFILES

EAST SPENCER HIGH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

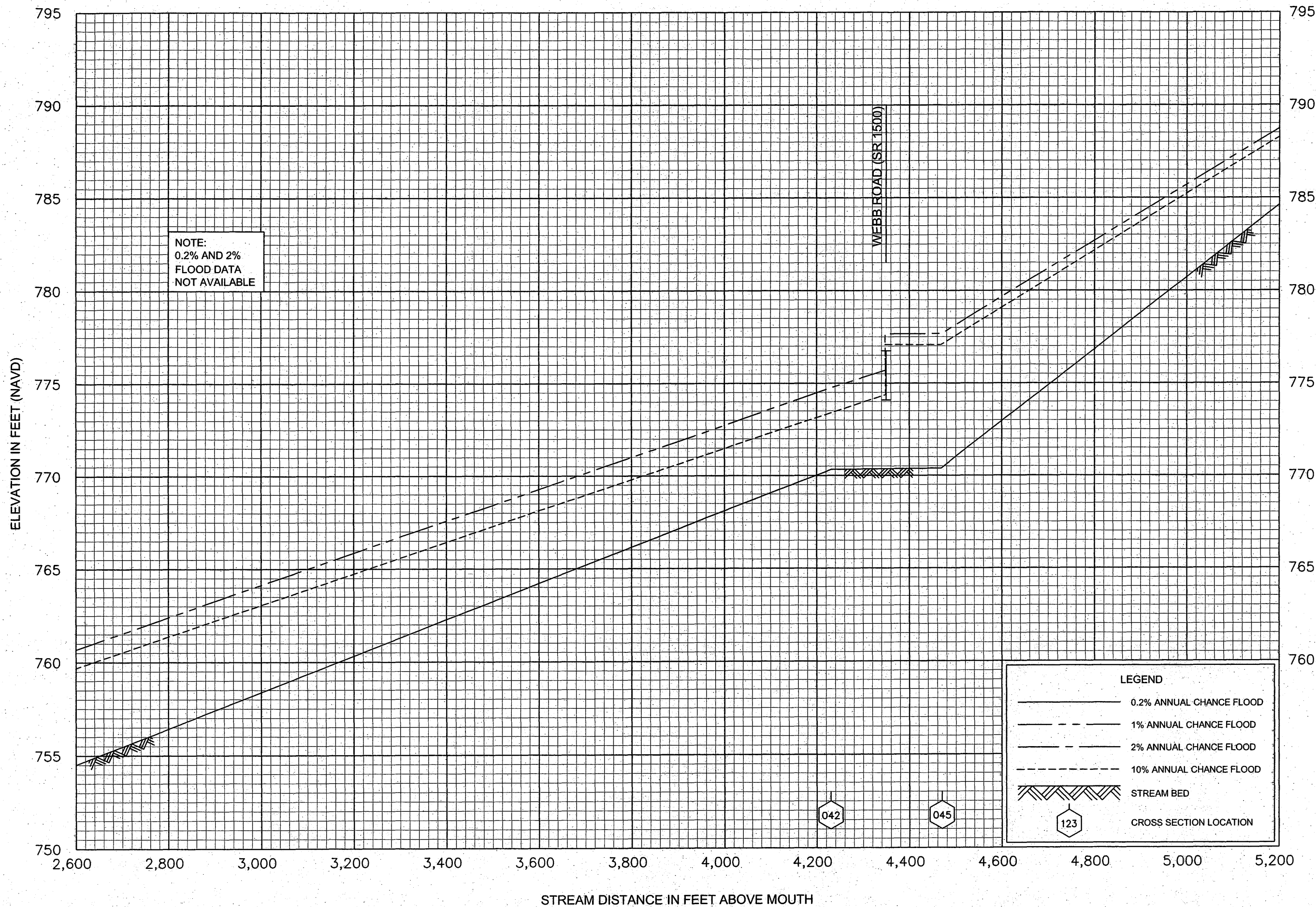
66P



**FLOOD PROFILES**  
**FAITH ROAD BRANCH**

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROWAN COUNTY, NC**  
AND INCORPORATED AREAS

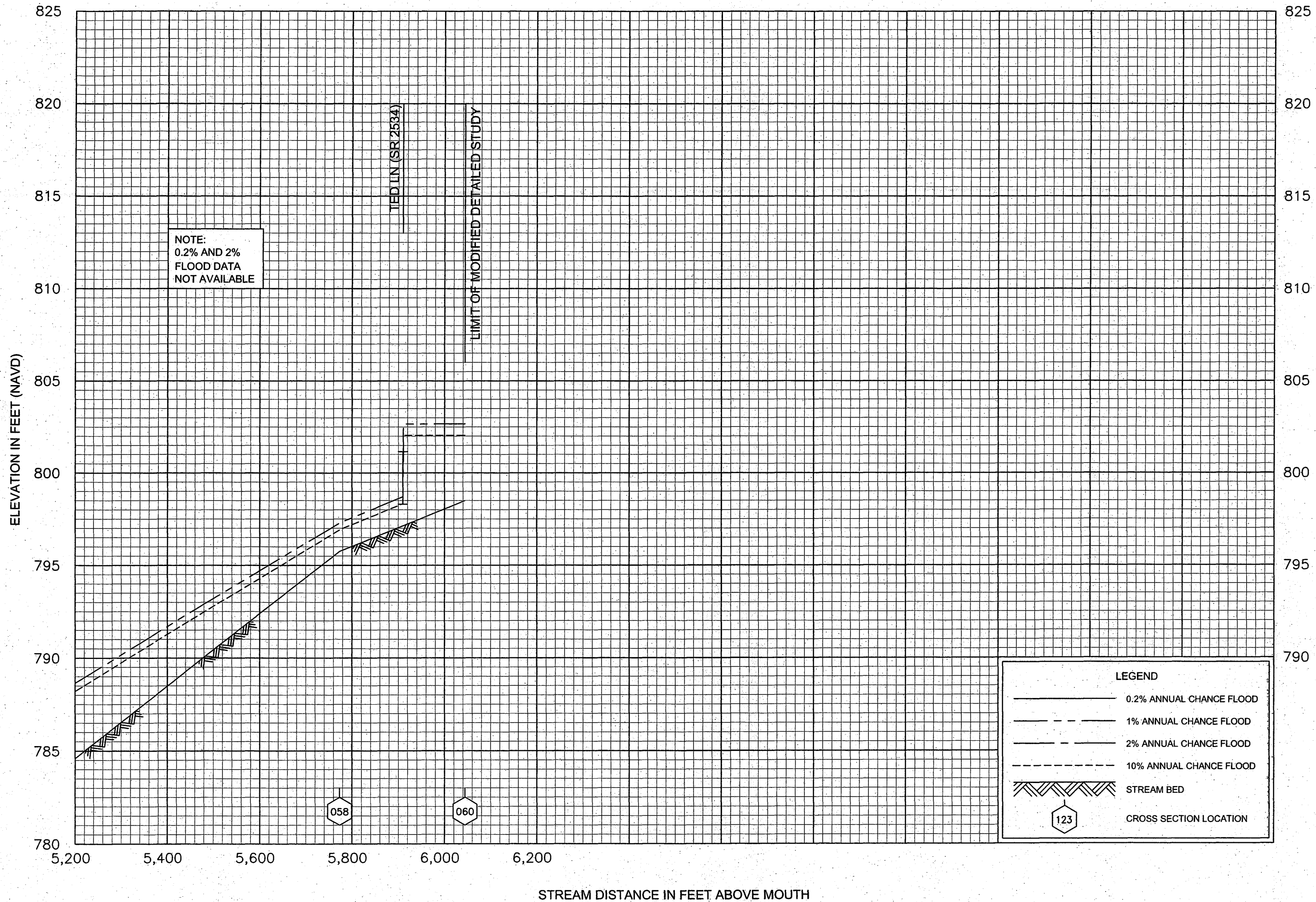




FLOOD PROFILES  
FAITH ROAD BRANCH

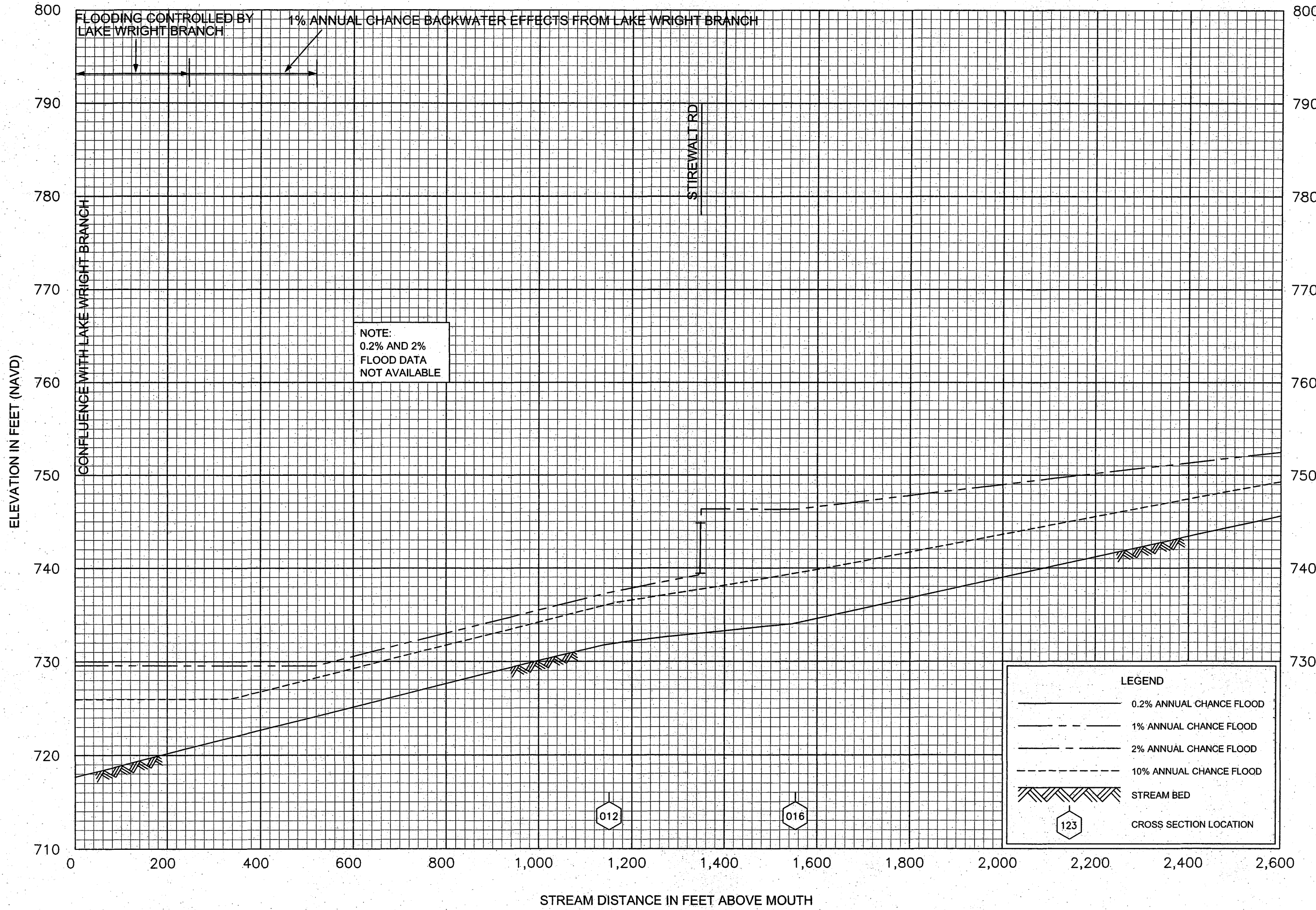
FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS





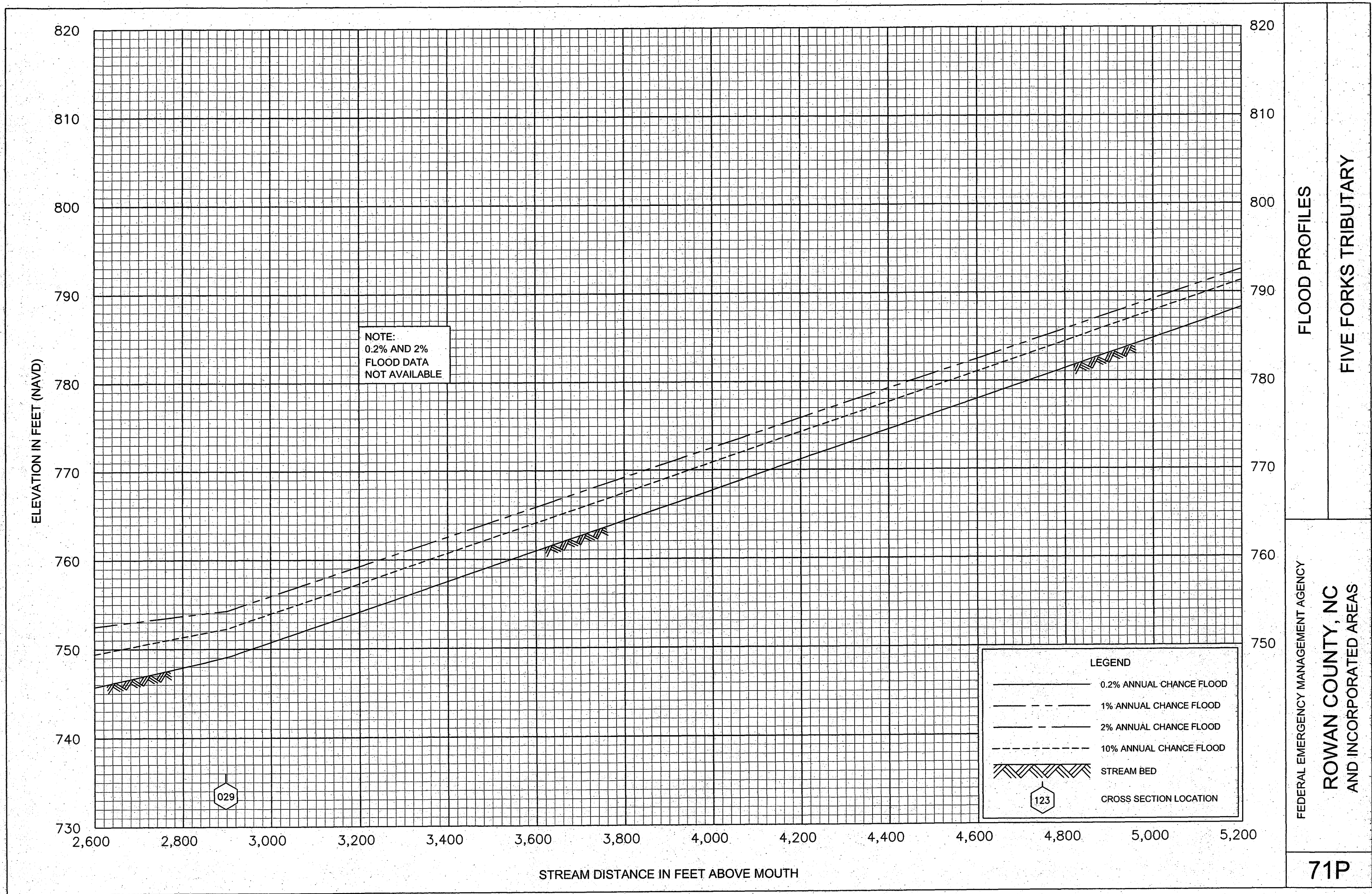
FLOOD PROFILES  
FAITH ROAD BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS



FLOOD PROFILES  
FIVE FORKS TRIBUTARY

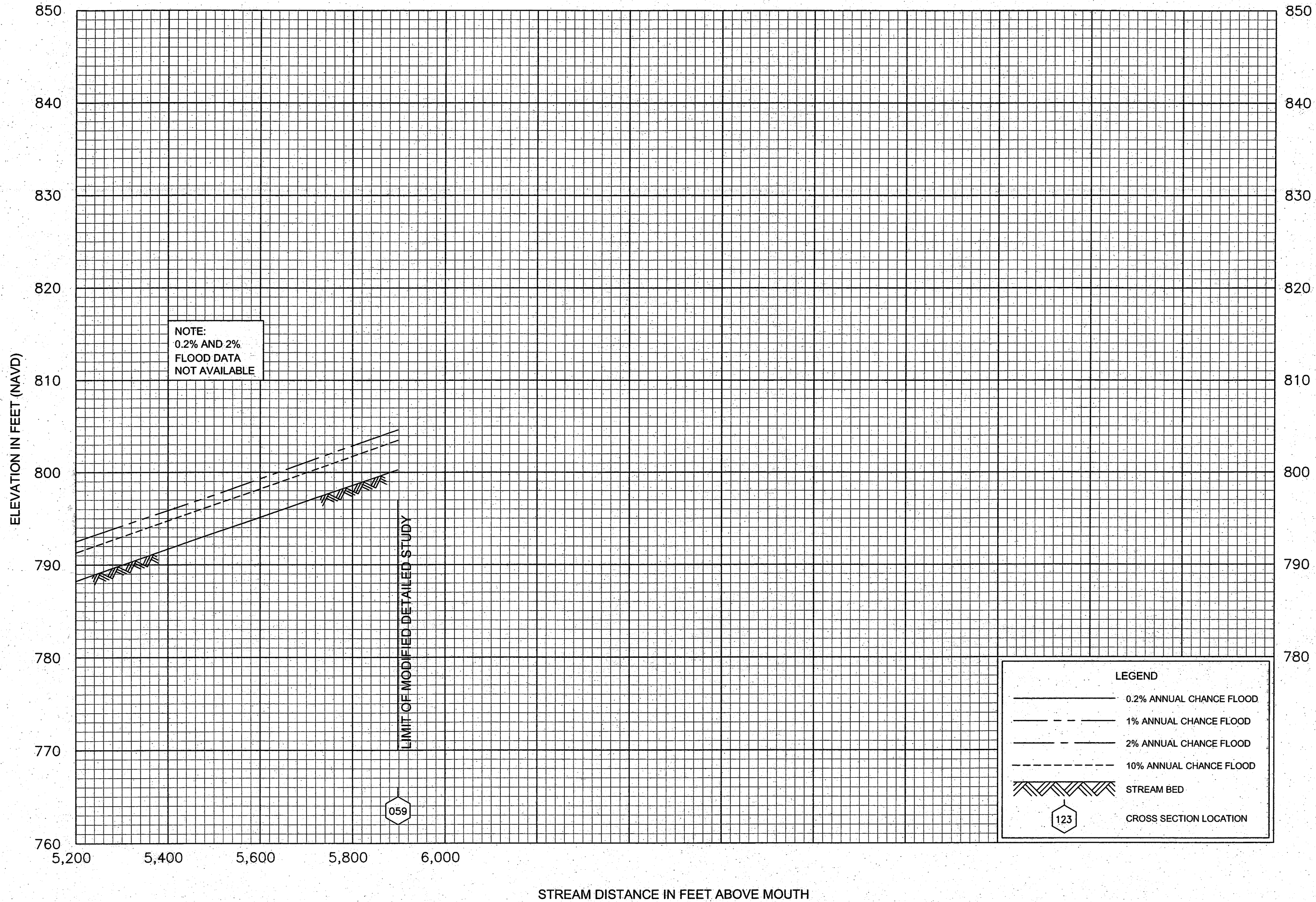
FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS



FLOOD PROFILES  
FIVE FORKS TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS

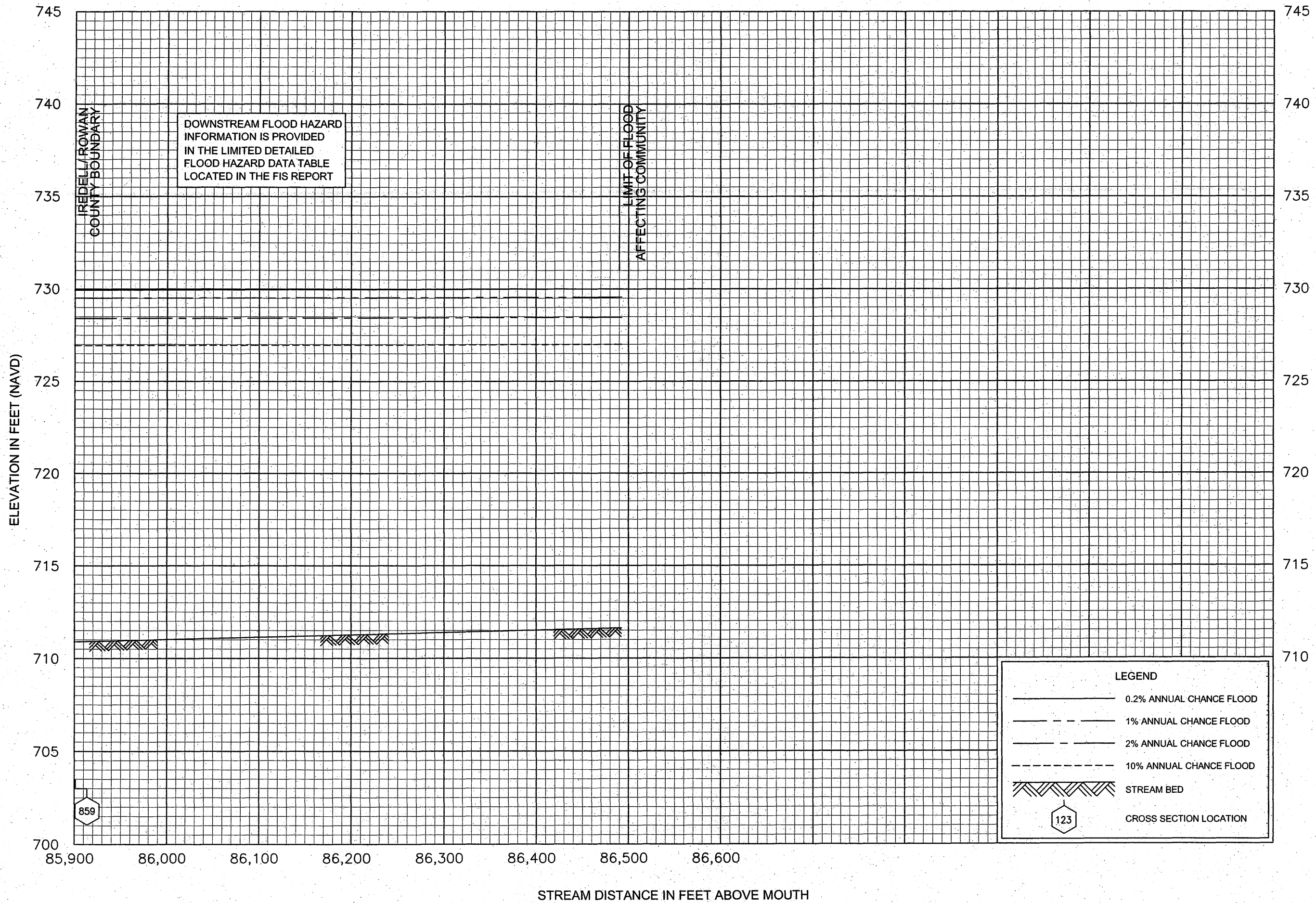




FLOOD PROFILES  
FIVE FORKS TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS





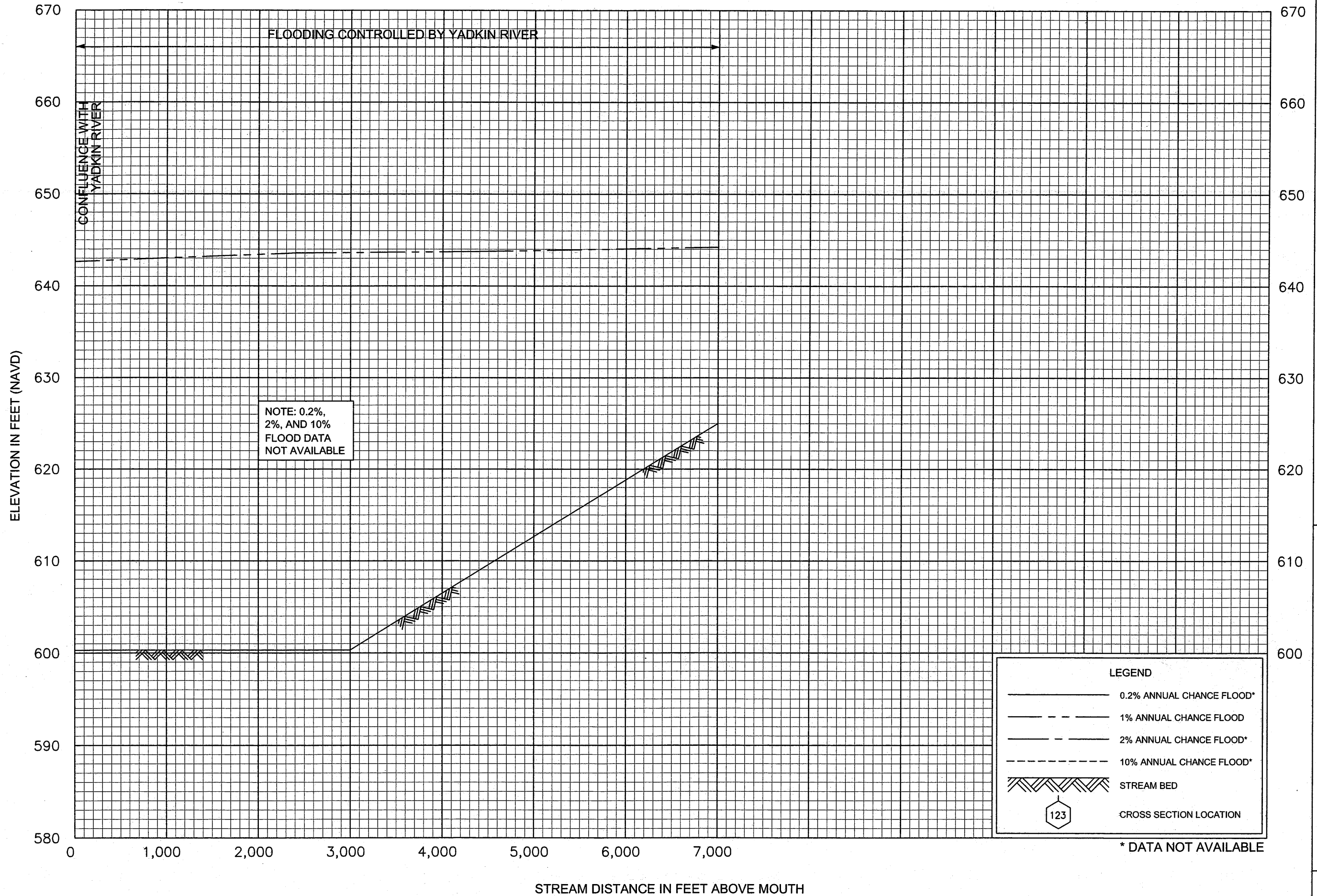
FLOOD PROFILES

FOURTH CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

73P

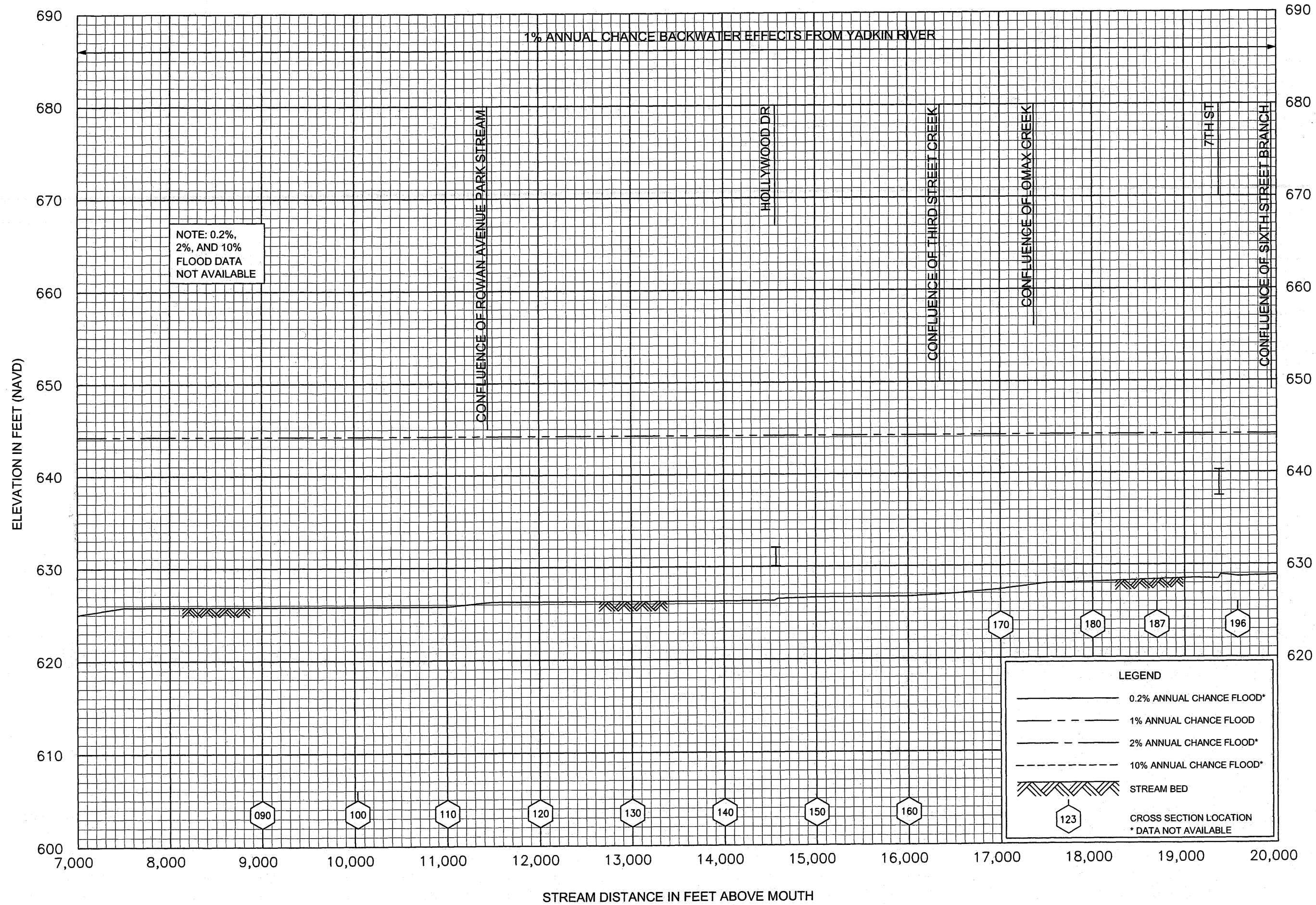


FLOOD PROFILES

GRANTS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



**FLOOD PROFILES**

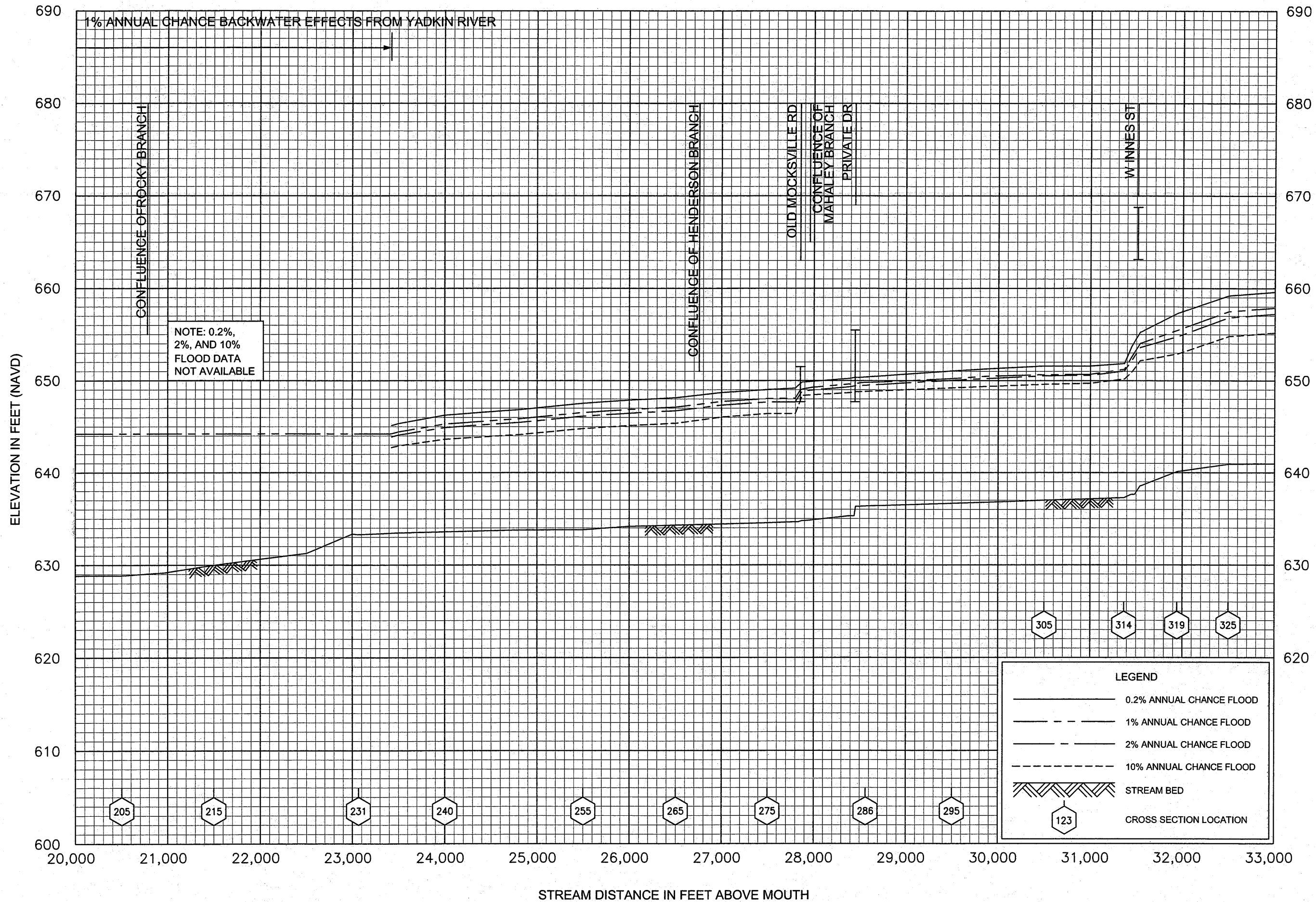
**GRANTS CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROWAN COUNTY, NC**

**AND INCORPORATED AREAS**





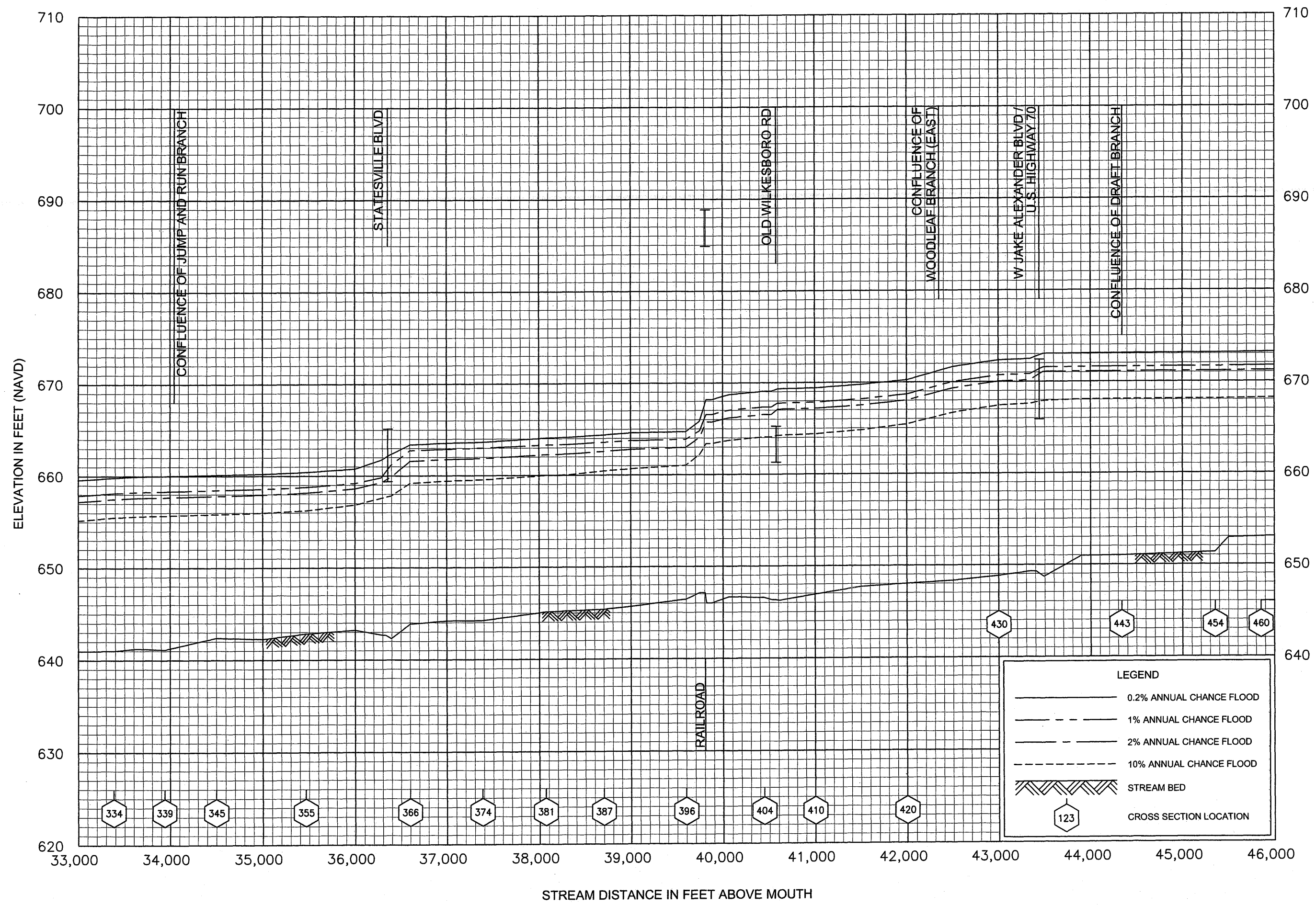
FLOOD PROFILES

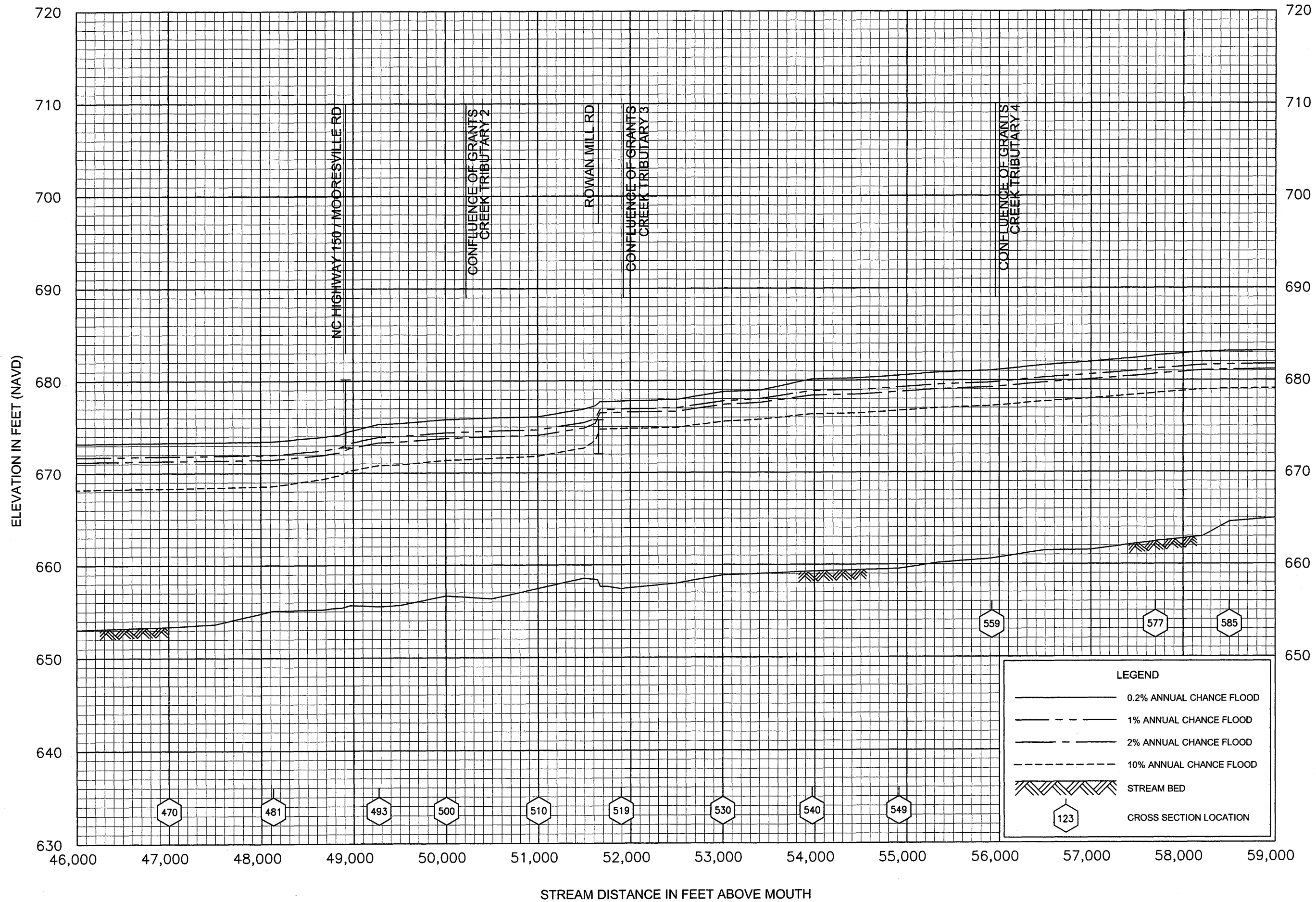
GRANTS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS





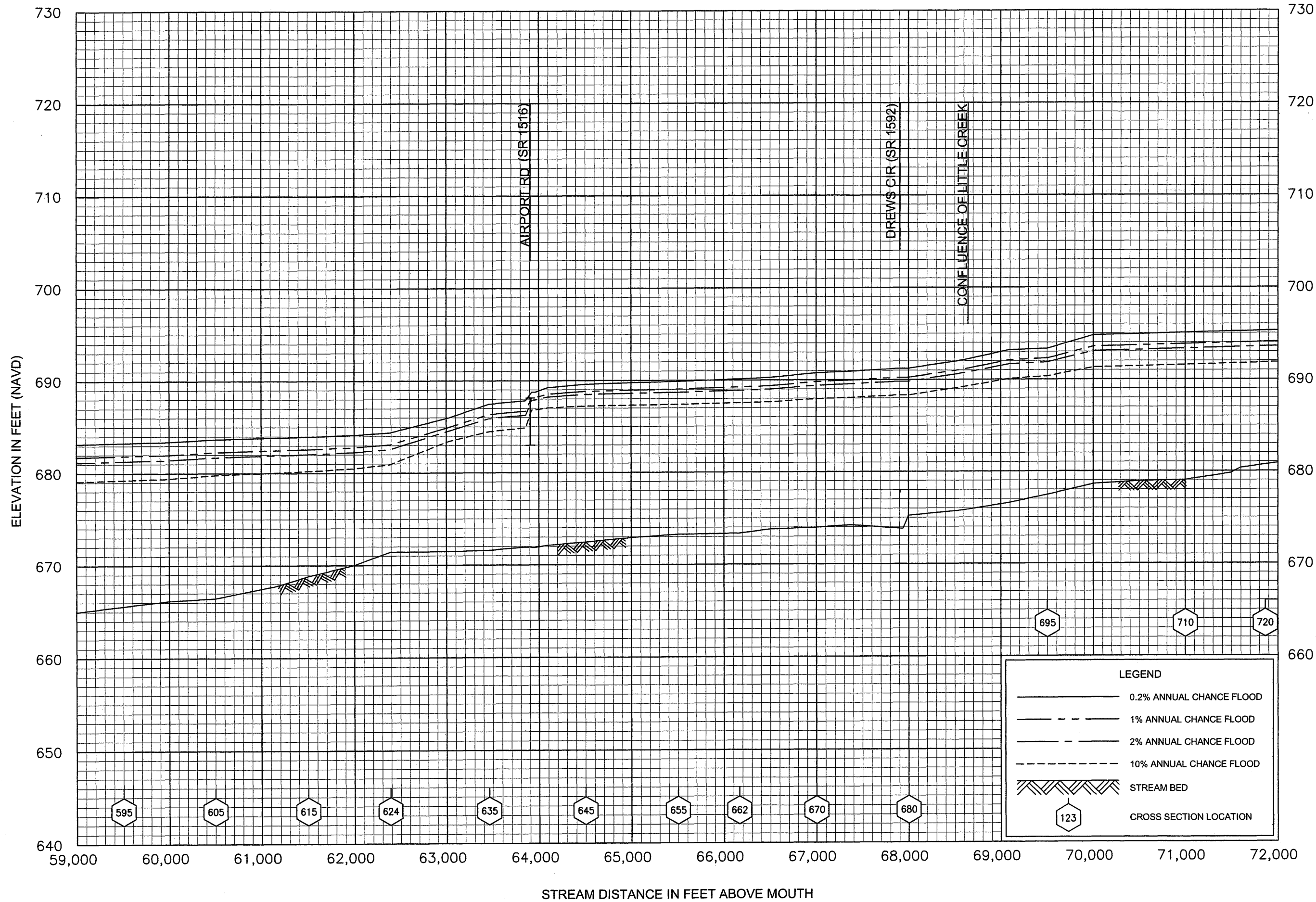


FLOOD PROFILES

GRANTS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



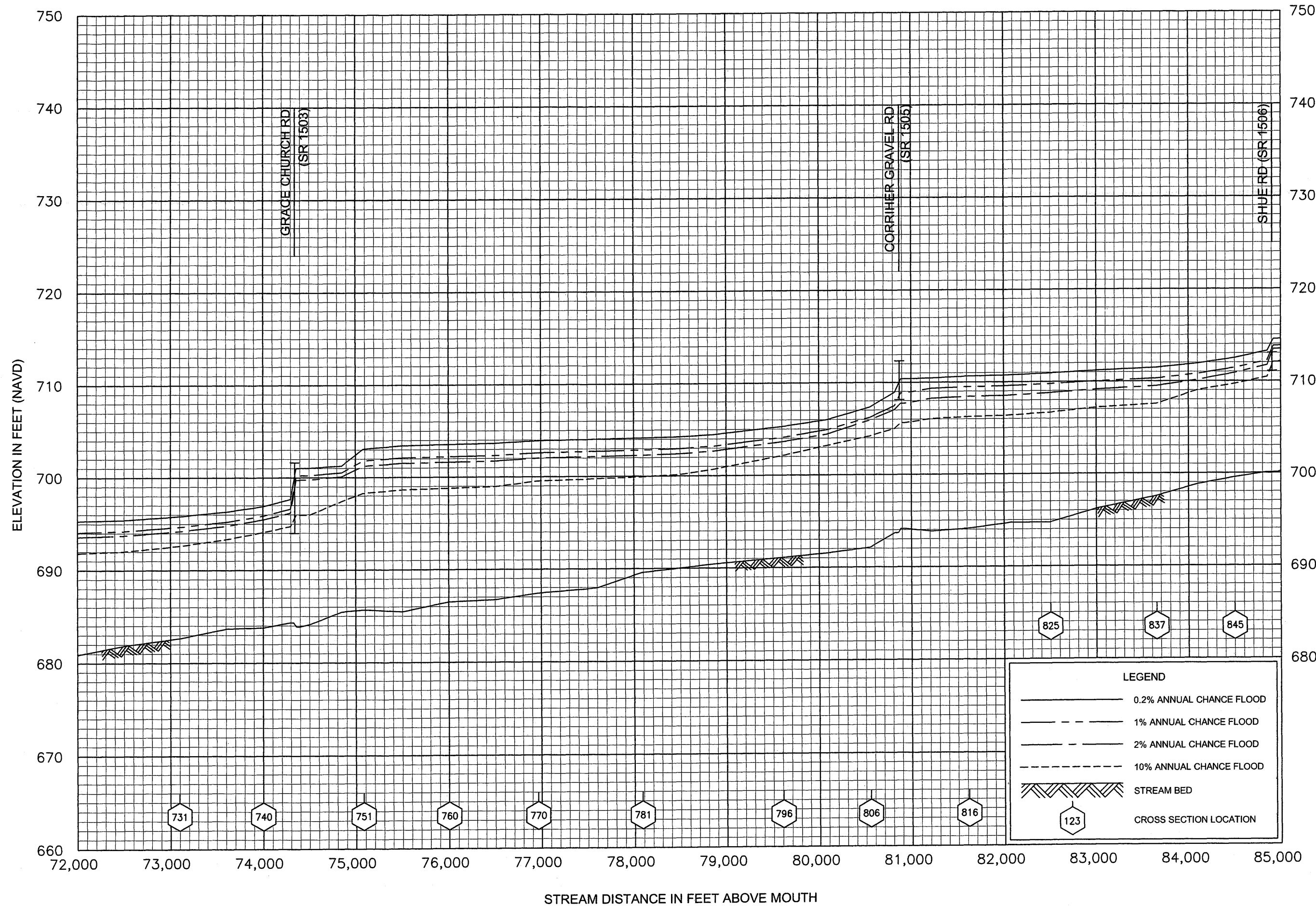
FLOOD PROFILES

GRANTS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

79P



FLOOD PROFILES

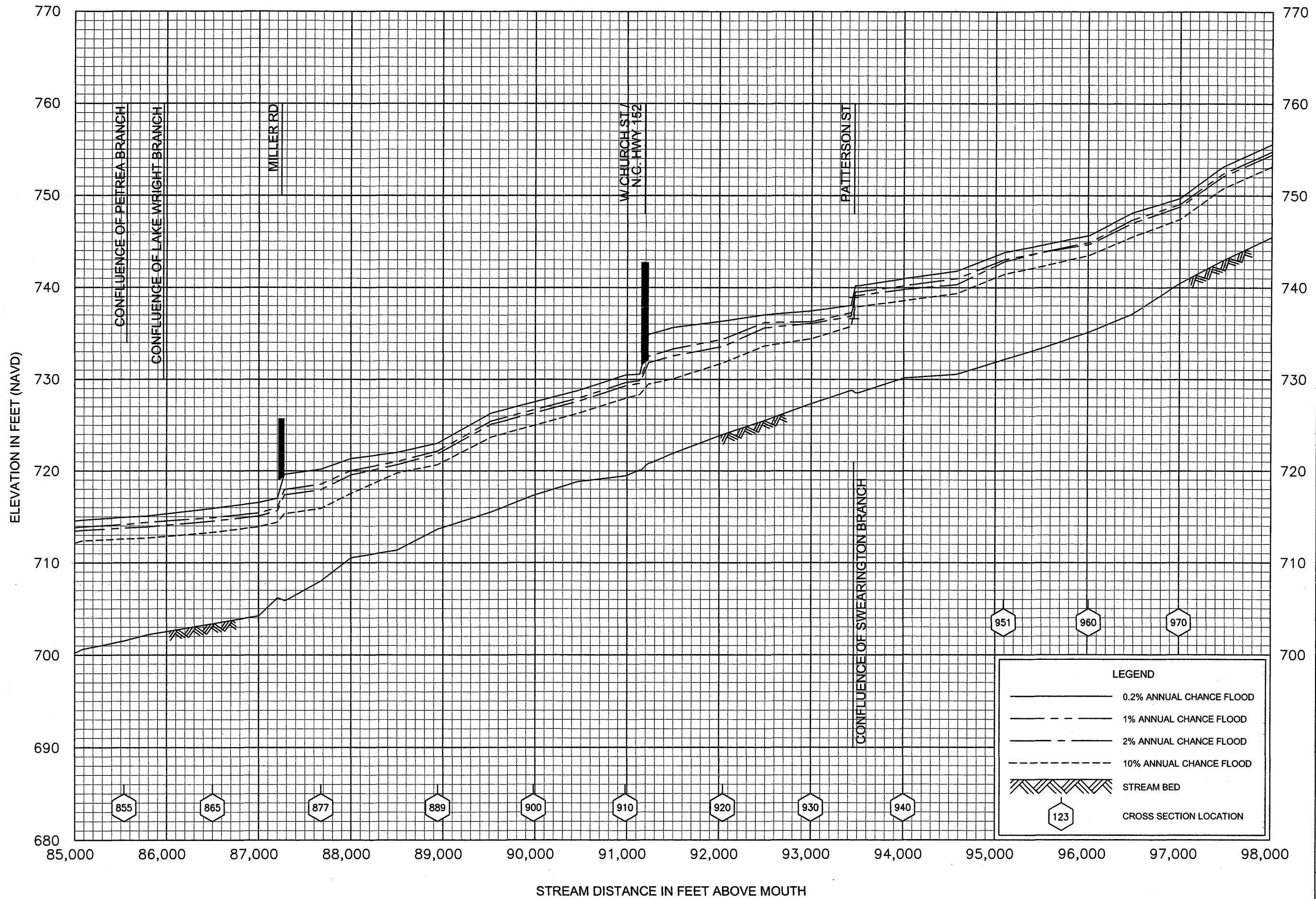
GRANTS CREEK

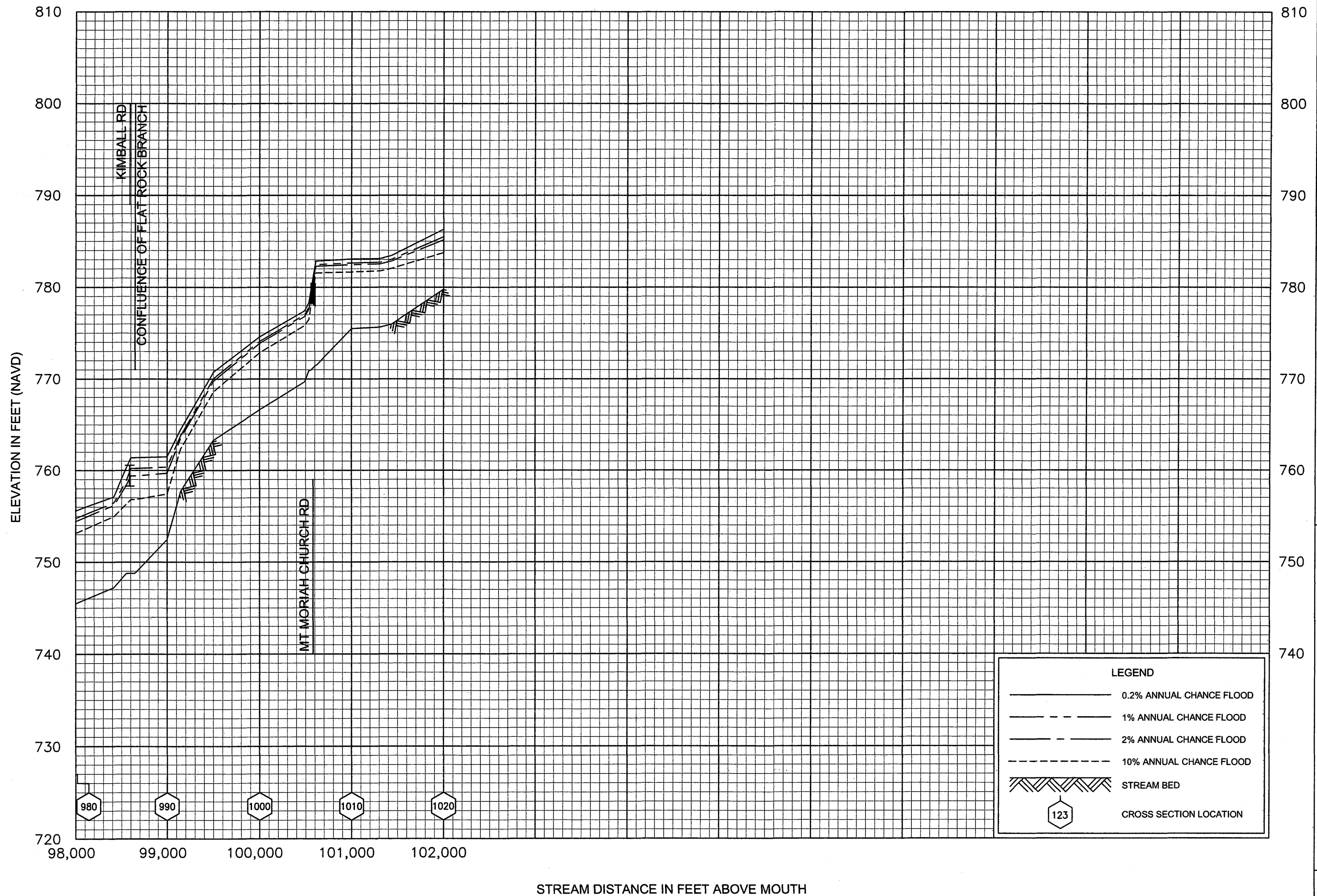
FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC

AND INCORPORATED AREAS







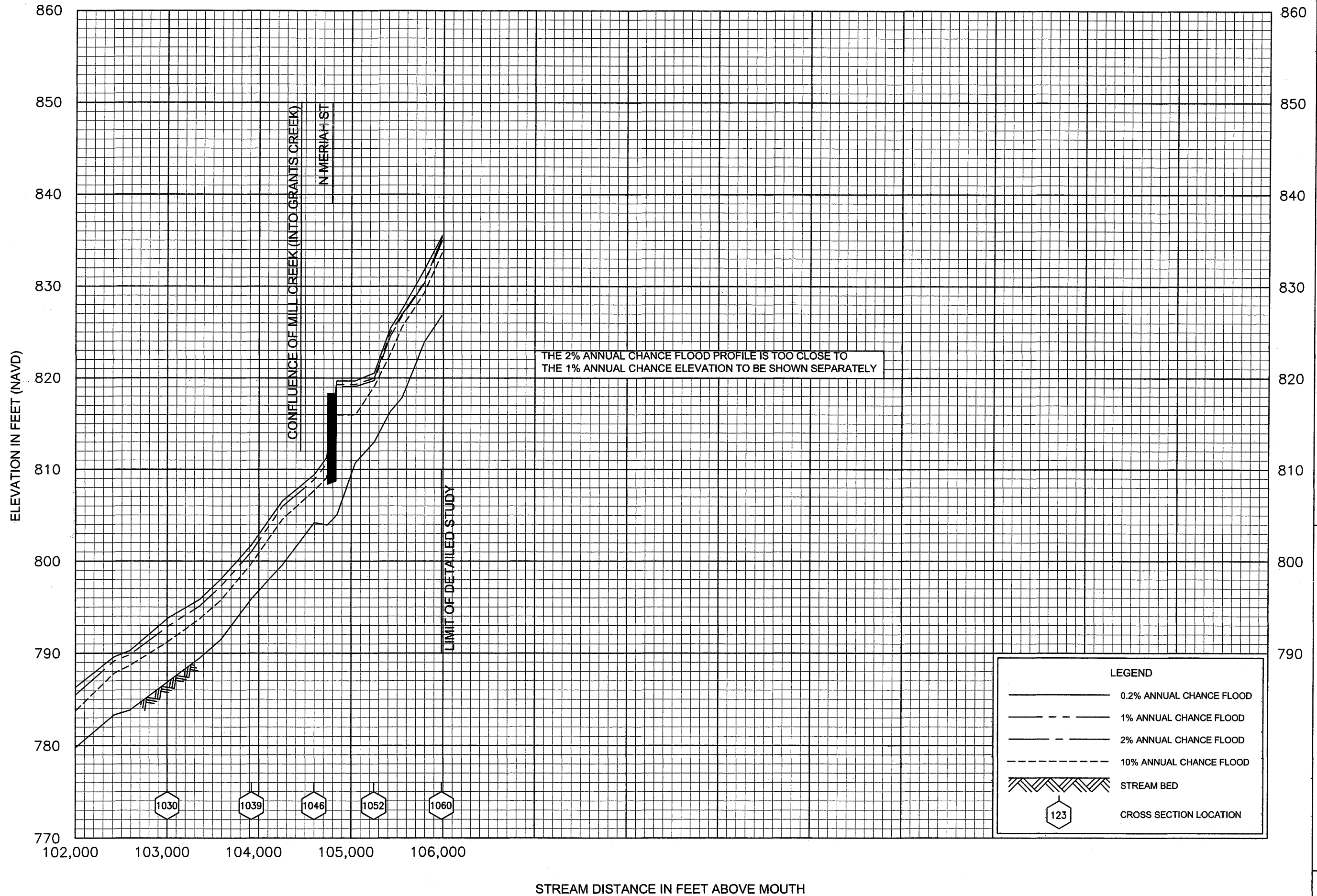
FLOOD PROFILES

GRANTS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

82P



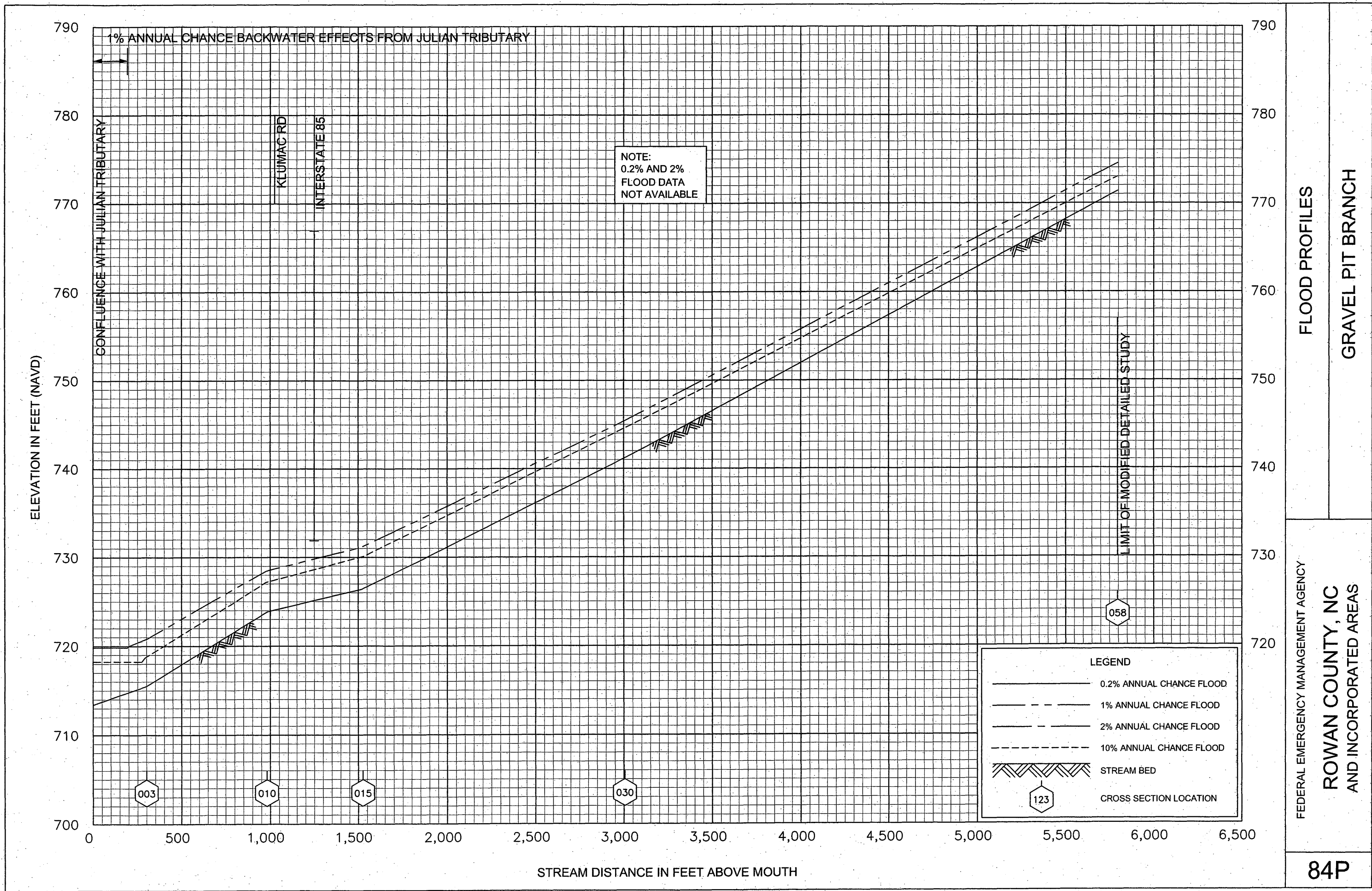
FLOOD PROFILES

GRANTS CREEK

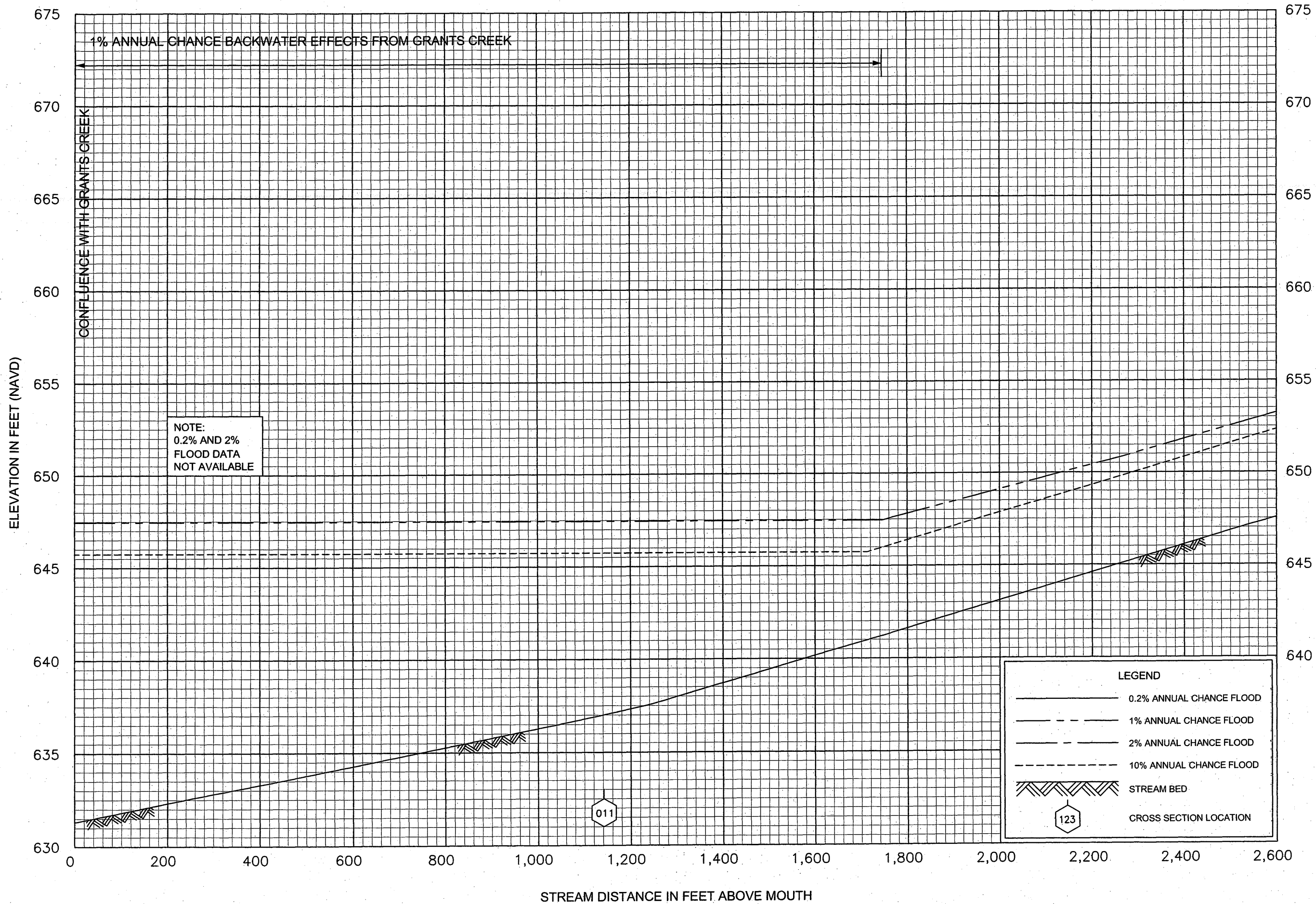
FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS

83P



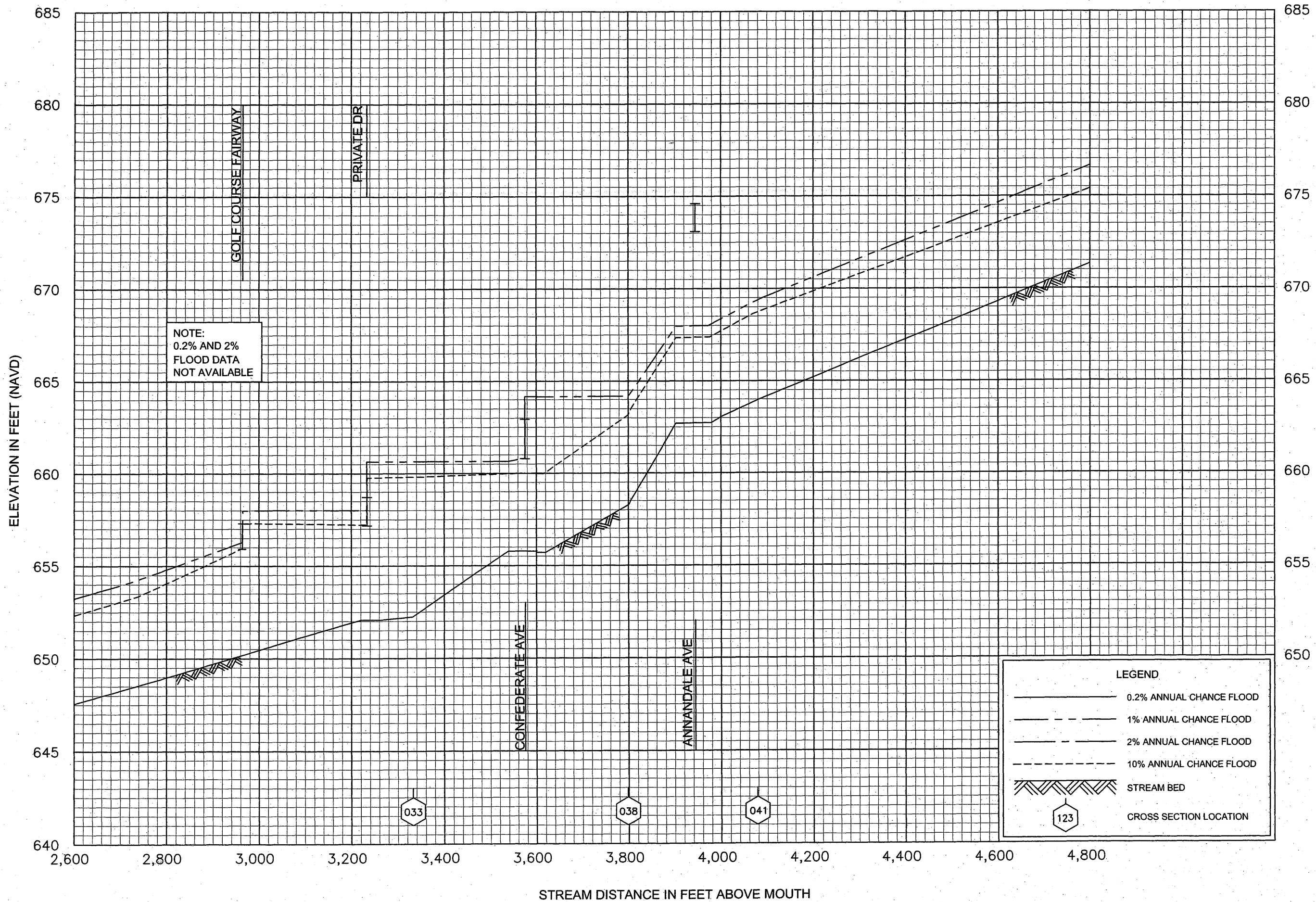


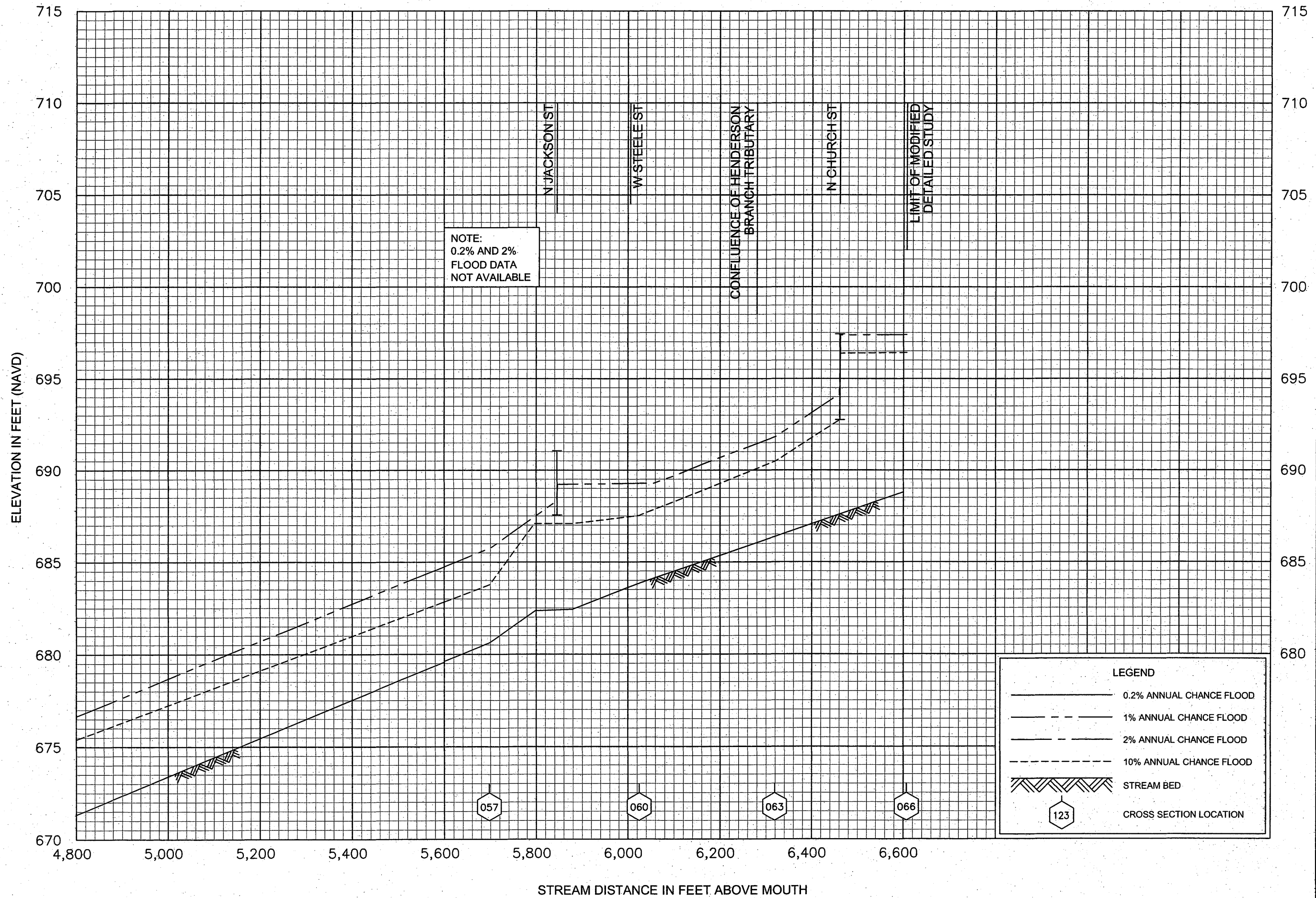


FLOOD PROFILES  
HENDERSON BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS

85P

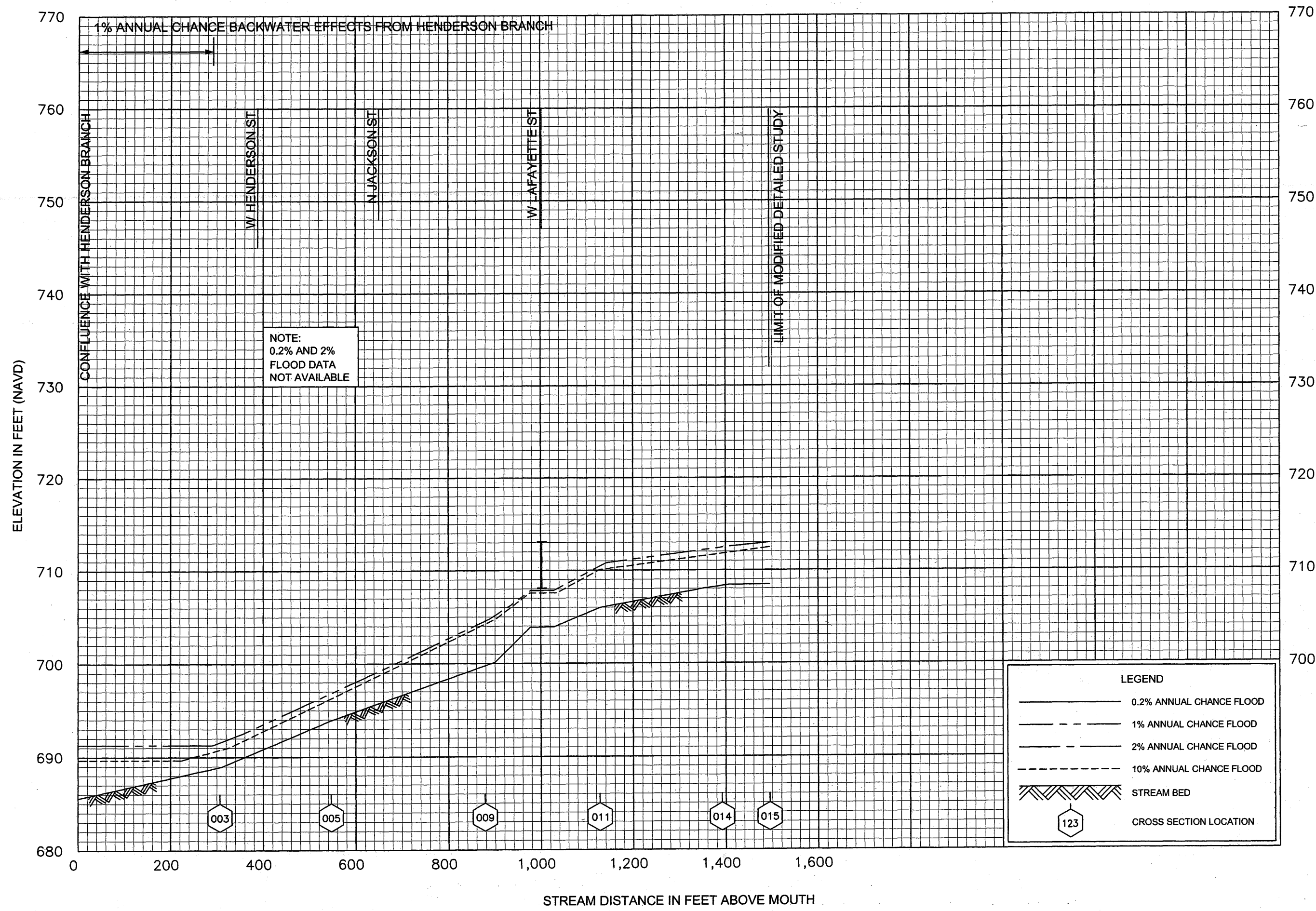




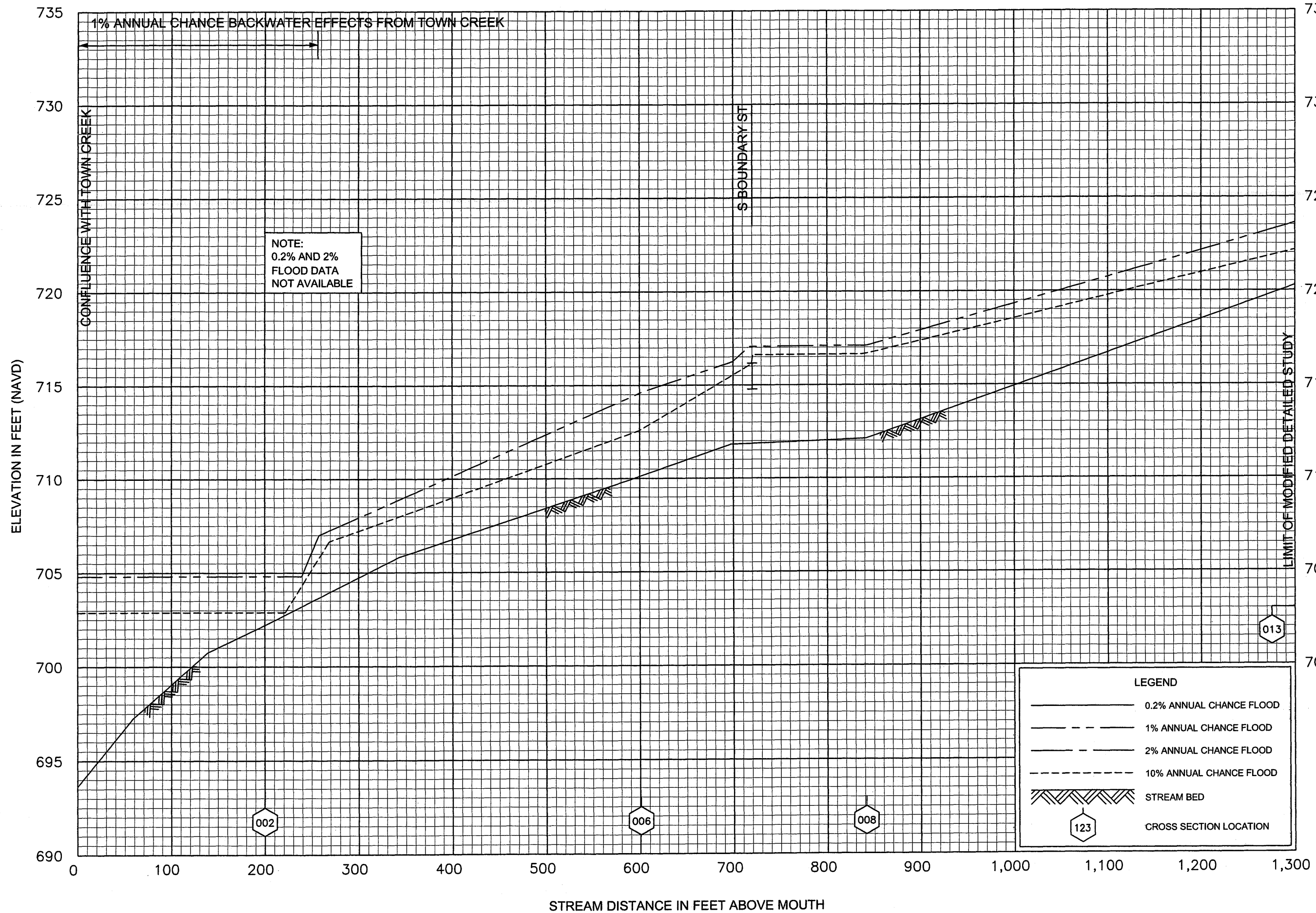
FLOOD PROFILES  
HENDERSON BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS







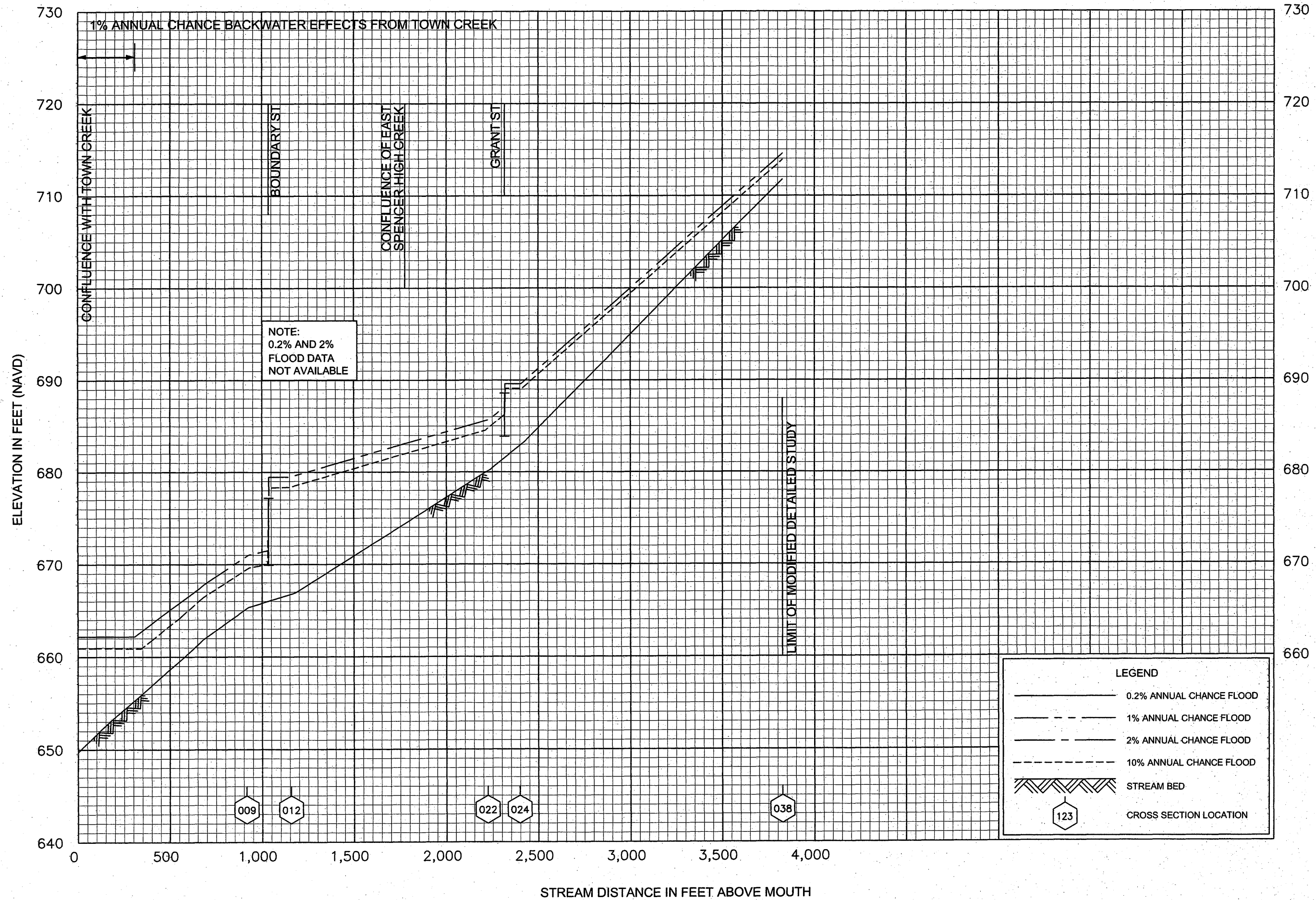


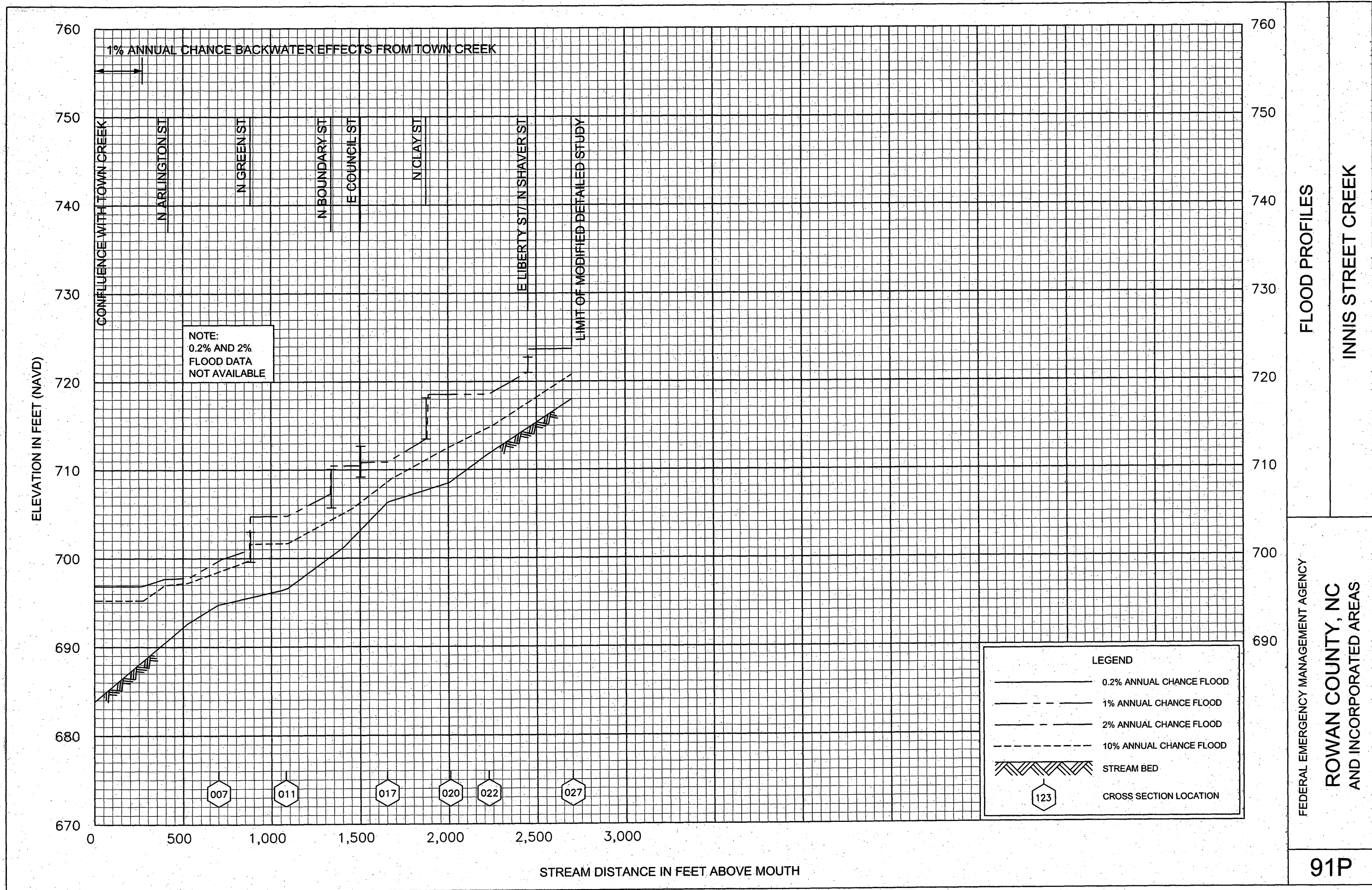
# FLOOD PROFILES

HOPKINS STREET BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

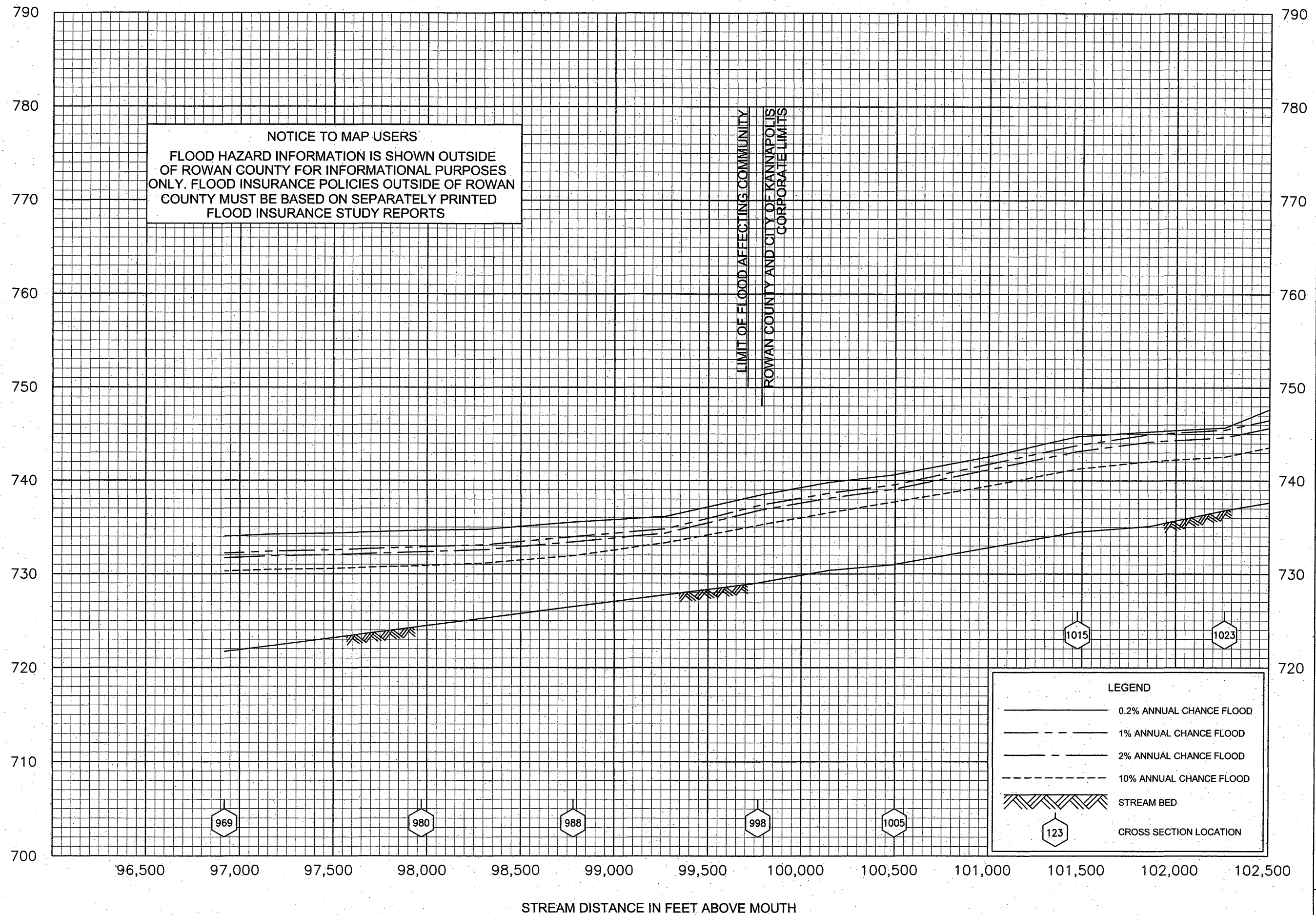
ROWAN COUNTY, NC  
AND INCORPORATED AREAS







ELEVATION IN FEET (NAVD)



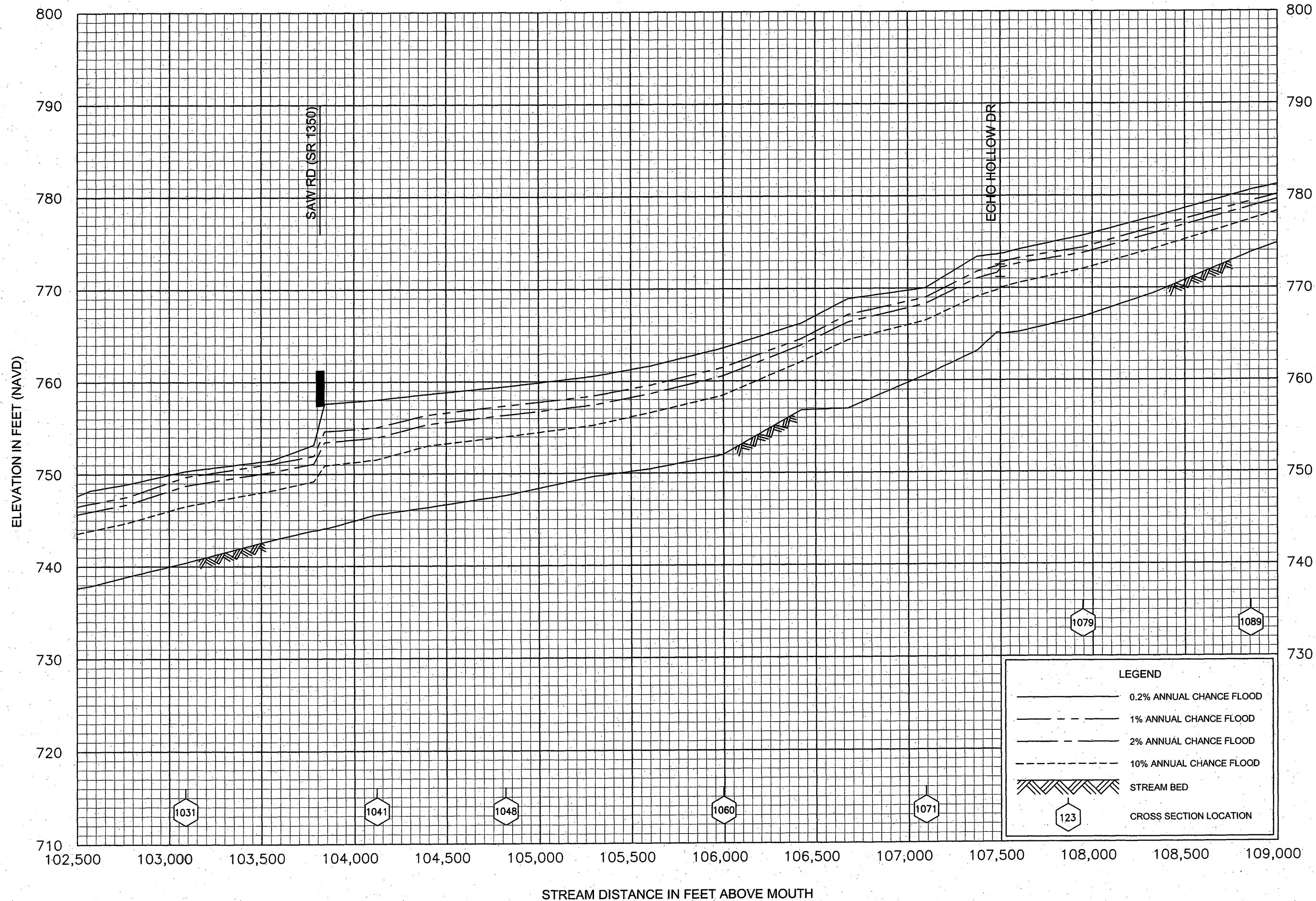
FLOOD PROFILES

IRISH BUFFALO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



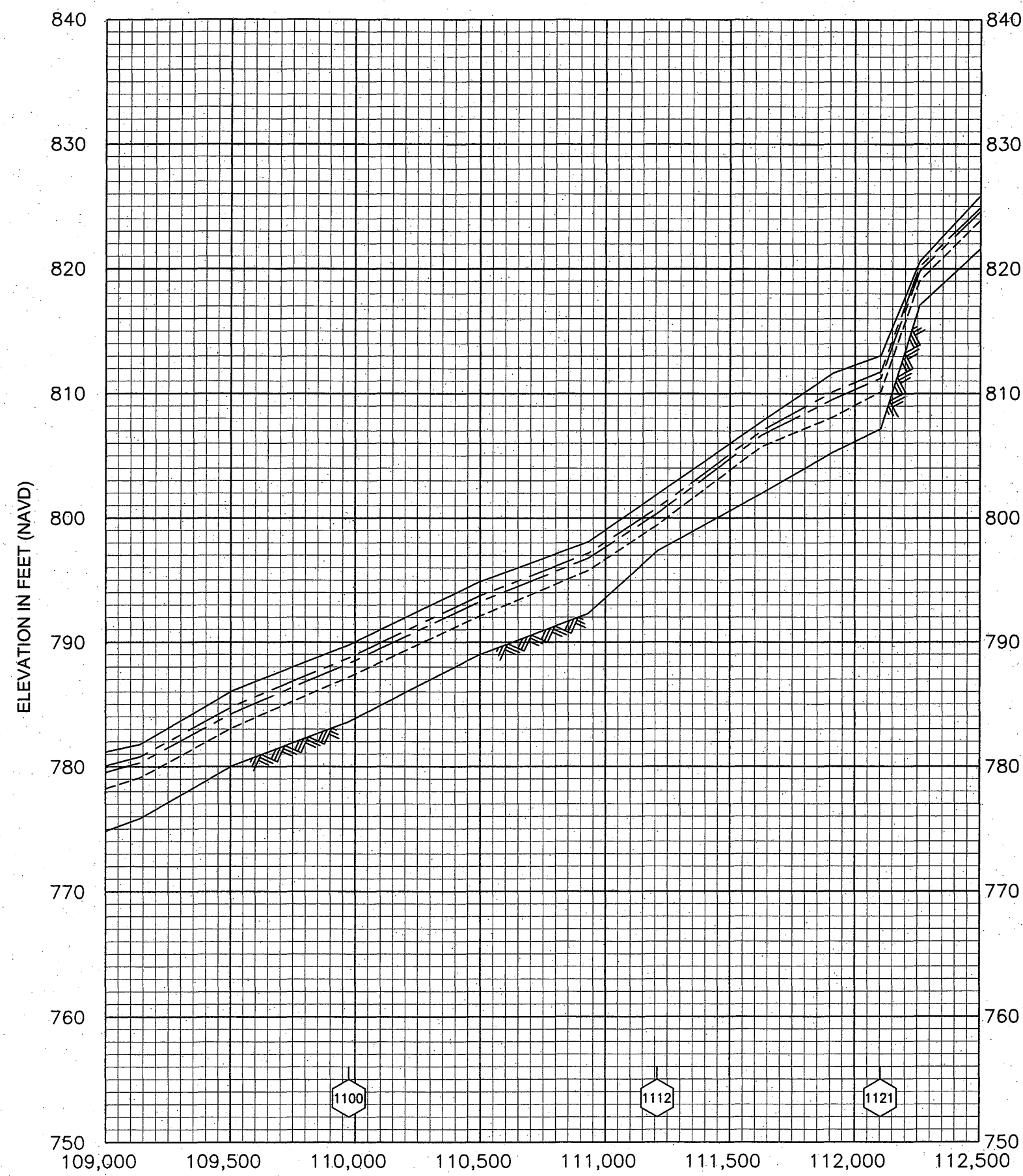


FLOOD PROFILES

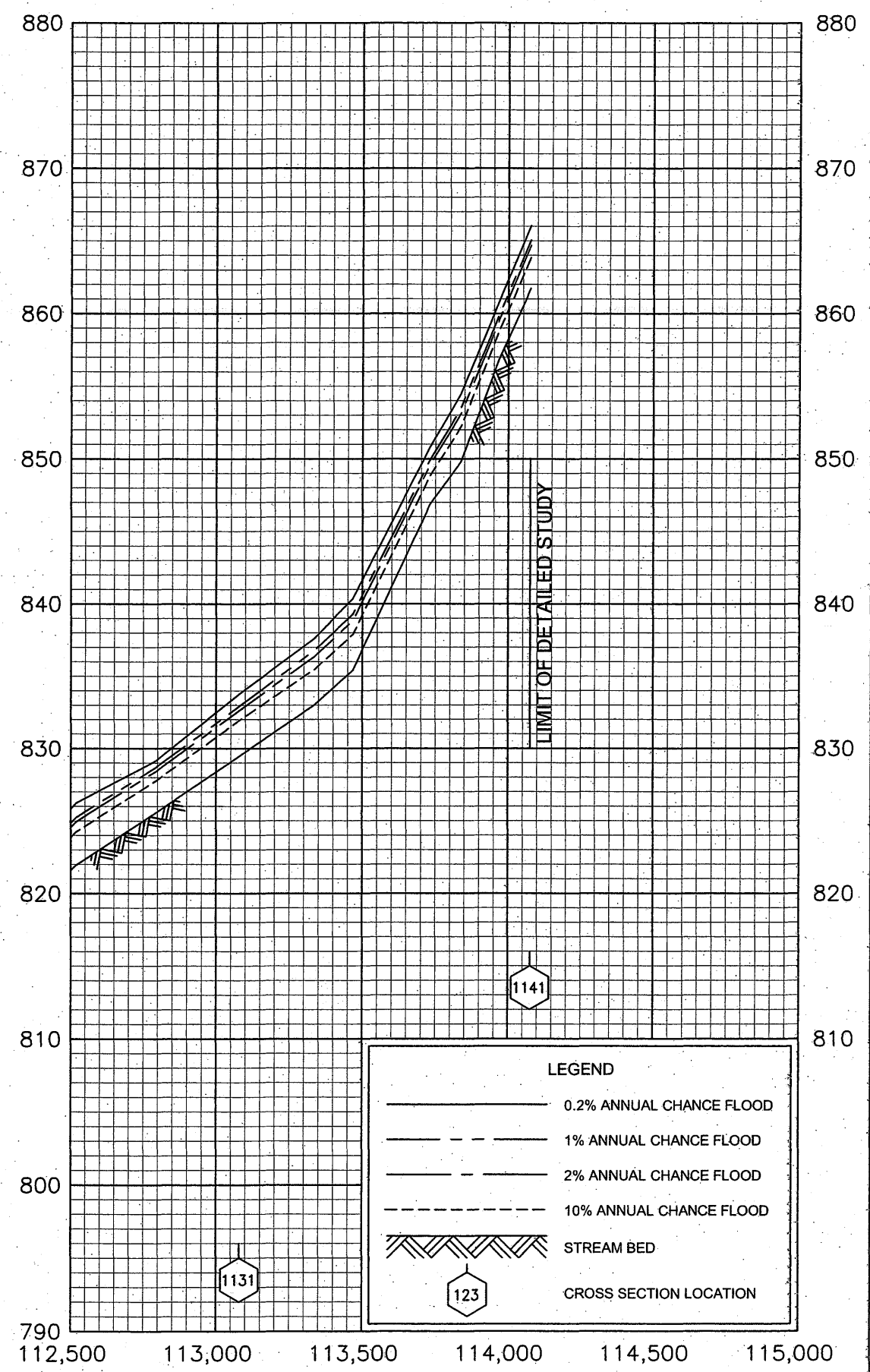
IRISH BUFFALO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC  
AND INCORPORATED AREAS



STREAM DISTANCE IN FEET ABOVE MOUTH

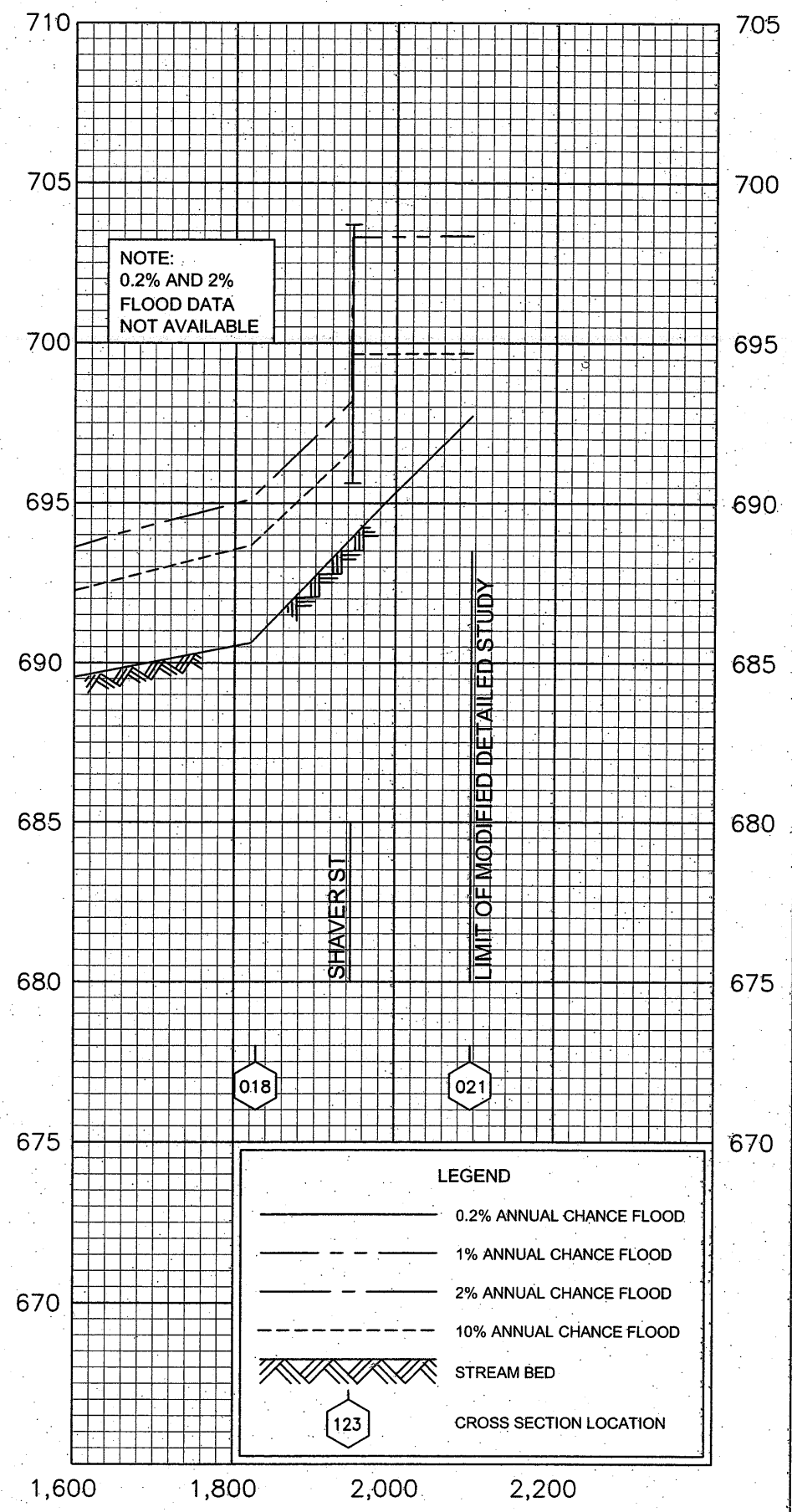
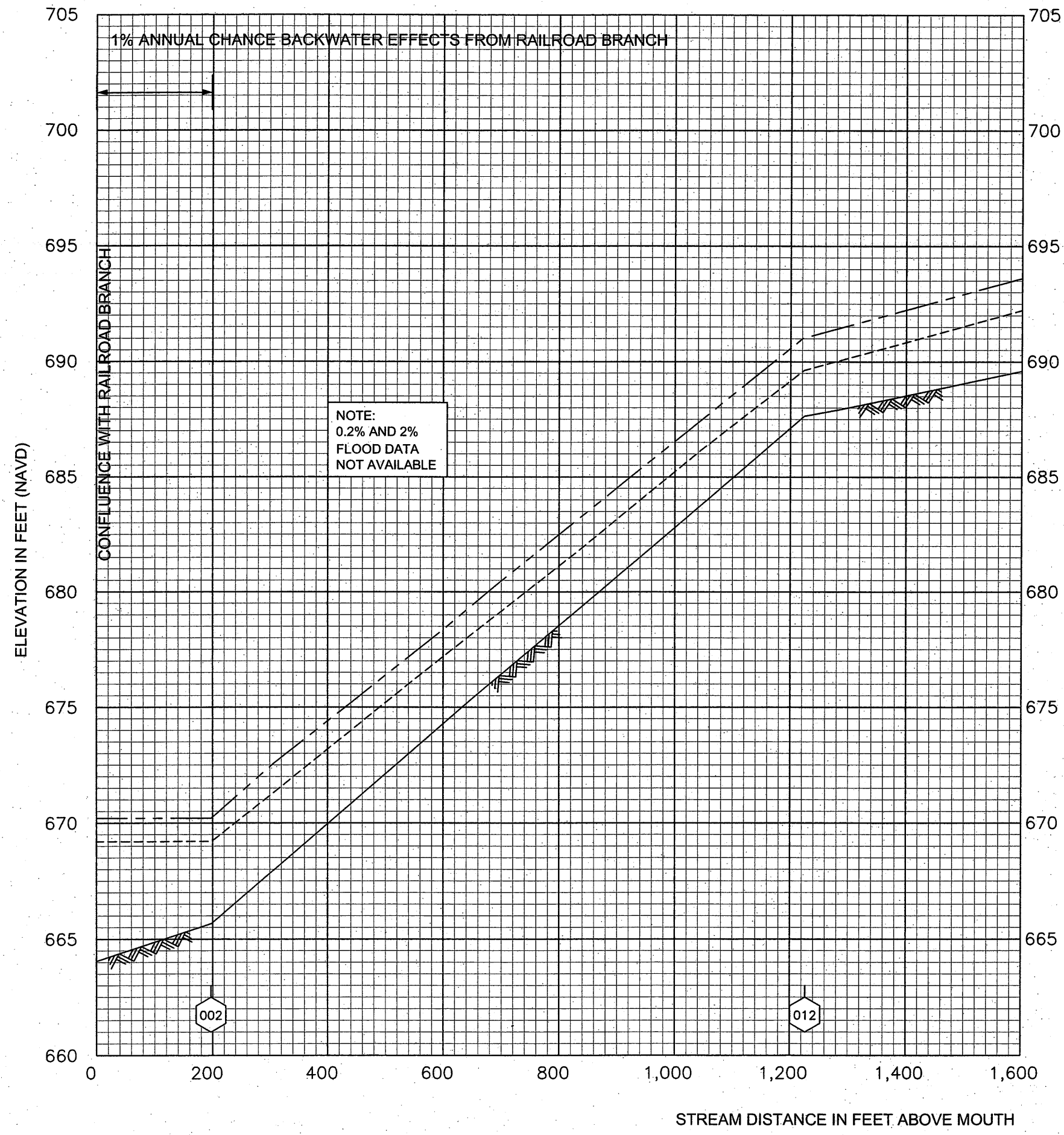


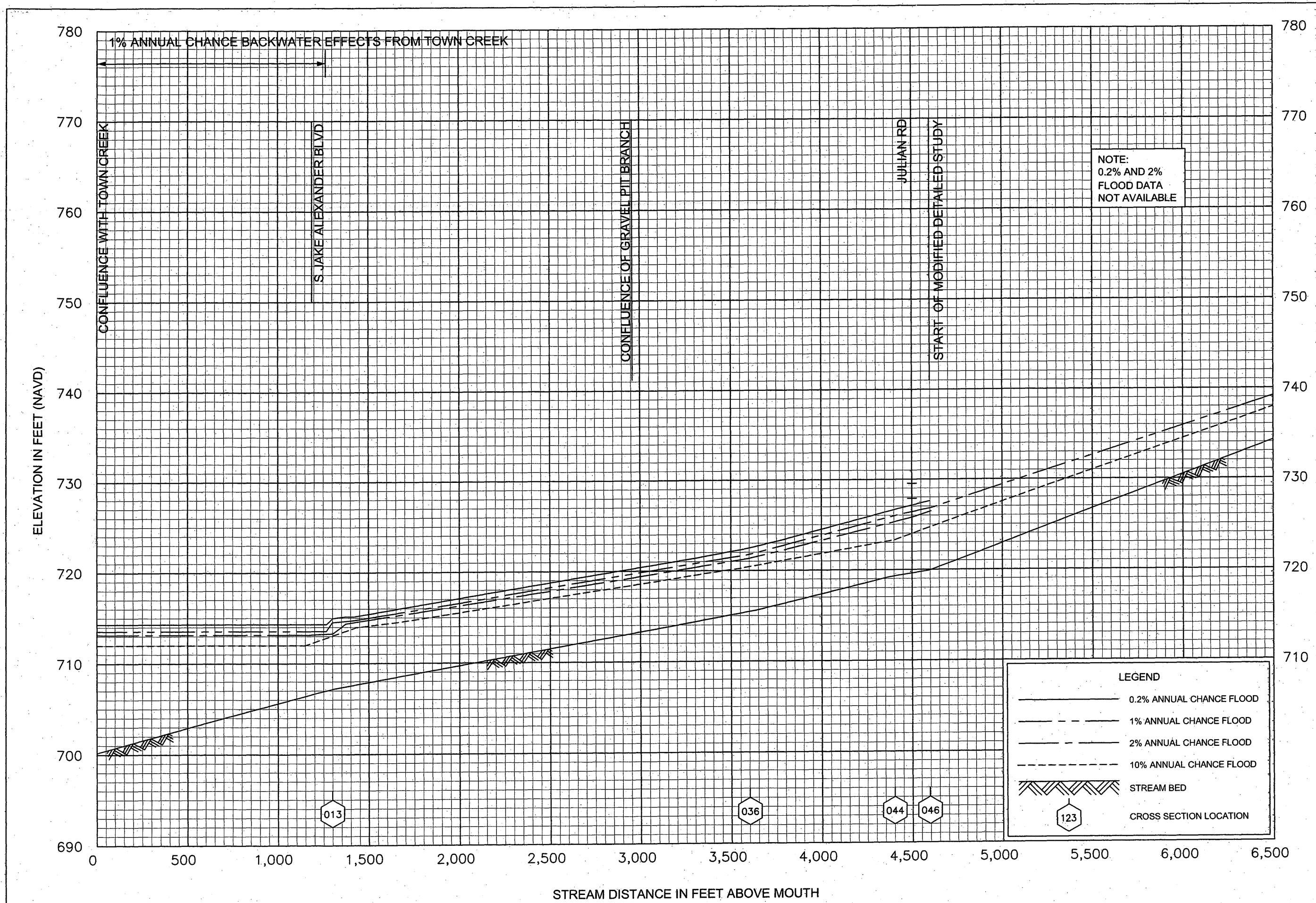
**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- ... 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- /// STREAM BED
- 123 CROSS SECTION LOCATION

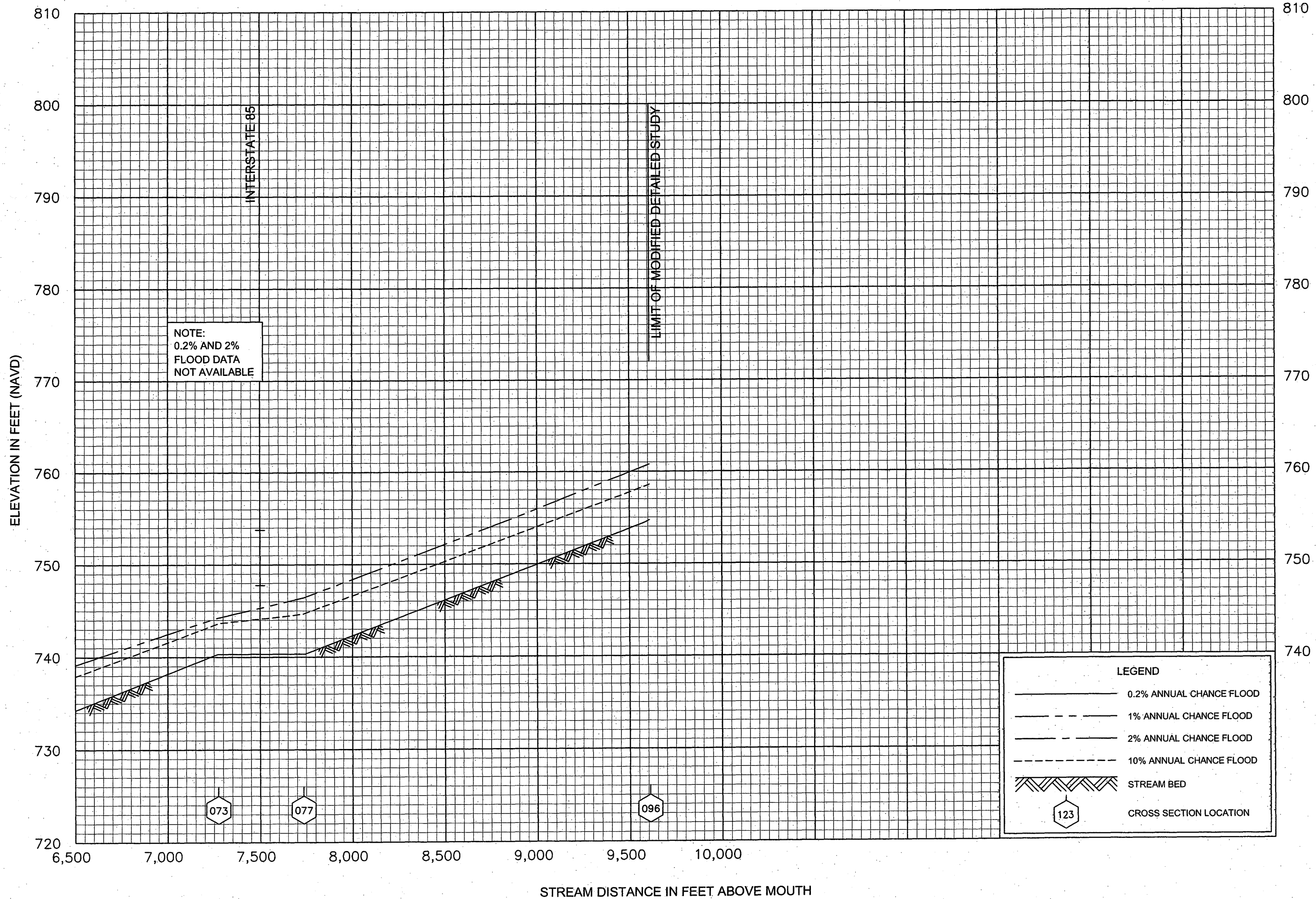
FLOOD PROFILES  
IRISH BUFFALO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROWAN COUNTY, NC  
AND INCORPORATED AREAS









FLOOD PROFILES

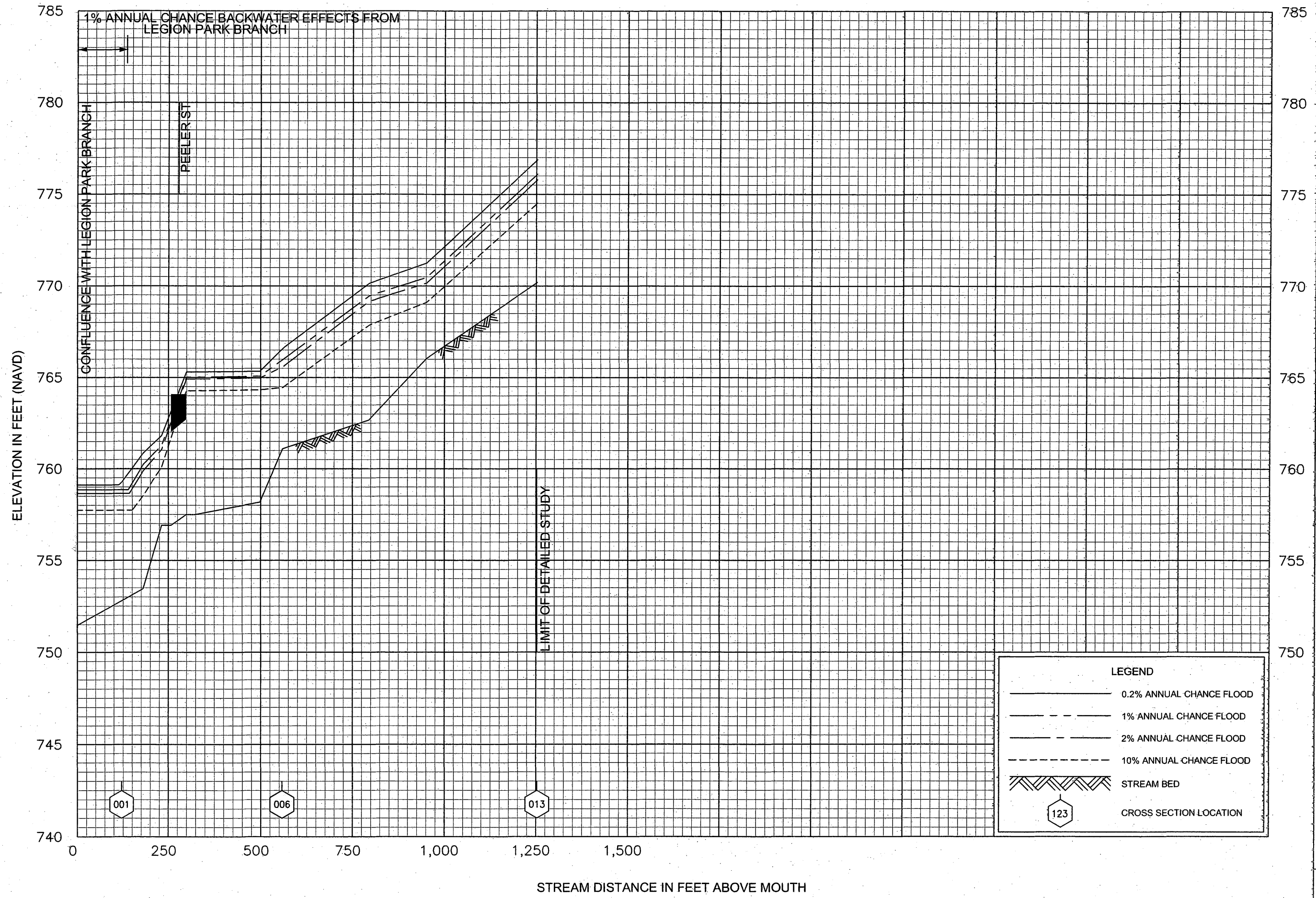
JULIAN TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC

AND INCORPORATED AREAS

97P



FLOOD PROFILES

KLUTZ BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

ROWAN COUNTY, NC

AND INCORPORATED AREAS